

12/27/83
A8050-1

December 20, 1983

FOR RELEASE A.M. MONDAY, DECEMBER 26, 1983

press release

After registering their strongest monthly total for 1983 in October, machine tool orders declined by 21% in November, according to data released today by the National Machine Tool Builders Association. The drop in net new orders to \$160,200,000 was accompanied by a slight 1% shipment increase. Shipments for the month totaled \$147,450,000 according to the trade group's figures.

Year-to-date totals reflected a 12% rise in orders -- to \$1.5 billion -- compared to a total of \$1.4 billion for the eleven months in 1982. Shipments through November stood at \$1.5 billion, falling 52% compared to the \$3.3 billion total for the same period last year. If December shipments maintain the 1983 monthly average, shipments would total \$1.7 billion for 1983, well below the \$3.6 billion of 1982 and \$5.1 billion of 1981, and would result in the lowest industry production level in ten years.

Contact:

Charles Pollock

 **national
machine
tool builders'
association**

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MCLEAN, VIRGINIA 22102
AREA CODE (703) 893-2900
TWX: 710-831-0031 NMTBA MCLN

-over-

Association President, James A. Gray, commenting on the industry's position, noted that "profitable activity is impossible at current order levels. This year's dismal order totals will appear on next year's balance sheets. That means more red ink, more plant closings, and more unemployment for the machine tool industry in 1984."

"Particularly distressing," said Gray, "is the impact of the shipment decline on our industry's employee rolls. After peaking at over 110,000 in early 1980, employment has fallen to around 65,000 for most of this year. Many of these skilled workers will never return to the industry."

For November, metal cutting tool orders totaled \$115,300,000, representing an 11% decrease from last month and a year-to-date increase of 8%. Shipments in the category rose 5% for the month, to \$107,000,000, but were off 56% for the eleven month period.

. Metal forming machine tool orders dropped 39% for the month, totaling \$44,900,000, but increased 22% year-to-date. Metal forming shipments, at \$40,450,000, fell 7% in November and were off 36% for the year.

The industry's order backlog increased slightly during the month of November, rising to a value of \$1,131,450,000.

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COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS (Thousands of Dollars)

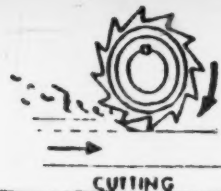
	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
Nov. 1983	107,600	7,700	115,300	40,850	4,050	44,900	148,450	11,750	160,200
Oct. 1983	115,600	13,850	129,450	69,950	3,150	73,100	185,550	17,000	202,550
% Change									
Nov.1983:Oct.1983	-6.9	-44.4	-10.9	-41.6	+28.6	-38.6	-20.0	-30.9	-20.9
Nov. 1982	47,450	15,300	62,750	21,900	3,550	25,450	69,350	18,850	88,200
% Change									
Nov. 1983:Nov. 1982	+126.8	-49.7	+83.7	+86.5	+14.1	+76.4	+114.1	-37.7	+81.6
Year To Date 1983	985,250	75,100	1,060,350	440,450	44,050	484,500	1,425,700	119,150	1,544,850
Year To Date 1982	805,400	173,250	978,650	338,250	59,900	398,150	1,143,650	233,150	1,376,800
% Change									
1983 : 1982	+22.3	-56.7	+8.3	+30.2	-26.5	+21.7	+24.7	-48.9	+12.2

SHIPMENTS -- MACHINE TOOLS (Thousands of Dollars)

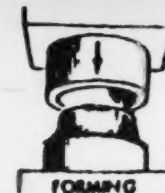
	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
Nov. 1983	95,900	11,100	107,000	37,100	3,350	40,450	133,000	14,450	147,450
Oct. 1983	93,150	8,900	102,050	40,850	2,500	43,350	134,000	11,400	145,400
% Change									
Nov.1983:Oct.1983	+3.0	+24.7	+4.9	-9.2	+34.0	-6.7	-0.7	+26.8	+1.4
Nov. 1982	134,800	20,900	155,700	33,700	4,100	37,800	168,500	25,000	193,500
% Change									
Nov. 1983:Nov. 1982	-28.9	-46.9	-31.3	+10.1	-18.3	+7.0	-21.1	-42.2	-23.8
Year To Date 1983	1,047,200	142,300	1,189,500	376,100	41,400	417,500	1,423,300	183,700	1,607,000
Year To Date 1982	2,414,400	276,050	2,690,450	558,250	91,550	649,800	2,972,650	367,600	3,340,250
% Change									
1983 : 1982	-56.6	-48.5	-55.8	-32.6	-54.8	-35.7	-52.1	-50.0	-51.9

Source: National Machine Tool Builders' Association

Form No. PRCC-2



TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
 New Orders, Cancellations, Shipments and Backlog



DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan.	\$ 80,300,000	\$ 11,550,000	\$ 91,850,000	1,132.60	\$ 131,450,000	\$ 21,400,000	\$ 152,850,000
Feb.	\$ 88,250,000	\$ 9,250,000	\$ 97,500,000	1,071.75	\$ 143,250,000	\$ 15,100,000	\$ 158,350,000
Mar.	\$ 117,000,000	\$ 8,500,000	\$ 125,500,000	1,021.00	\$ 156,100,000	\$ 20,150,000	\$ 176,250,000
Apr.	\$ 111,050,000	\$ 7,500,000	\$ 118,550,000	988.75	\$ 135,550,000	\$ 15,250,000	\$ 150,800,000
May	\$ 126,100,000	\$ 9,200,000	\$ 135,300,000	988.20	\$ 123,650,000	\$ 12,200,000	\$ 135,850,000
June	\$ 129,550,000	\$ 15,700,000	\$ 145,250,000	950.45	\$ 152,150,000	\$ 30,850,000	\$ 183,000,000
July	\$ 166,650,000	\$ 8,450,000	\$ 175,100,000	1,013.20	\$ 93,850,000	\$ 18,500,000	\$ 112,350,000
Aug.	\$ 124,650,000	\$ 12,600,000	\$ 137,250,000	1,037.45	\$ 101,650,000	\$ 11,350,000	\$ 113,000,000
Sept.	\$ 148,150,000	\$ 7,650,000	\$ 155,800,000	1,061.55	\$ 118,650,000	\$ 13,050,000	\$ 131,700,000
Oct.	\$ 185,550,000	\$ 17,000,000	\$ 202,550,000	1,118.70	\$ 134,000,000	\$ 11,400,000	\$ 145,400,000
Nov. (p)	\$ 148,450,000	\$ 11,750,000	\$ 160,200,000	1,131.45	\$ 133,000,000	\$ 14,450,000	\$ 147,450,000
11 Mos.	\$1,425,700,000	\$ 119,150,000	\$1,544,850,000		\$1,423,300,000	\$ 183,700,000	\$1,607,000,000

DATE	GROSS NEW ORDERS				CANCELLATIONS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan.	\$ 93,450,000	\$ 12,500,000	\$ 105,950,000		\$ 13,150,000	\$ 950,000	\$ 14,100,000
Feb.	\$ 98,600,000	\$ 9,900,000	\$ 108,500,000		\$ 10,350,000	\$ 650,000	\$ 11,000,000
Mar.	\$ 128,400,000	\$ 10,200,000	\$ 138,600,000		\$ 11,400,000	\$ 1,700,000	\$ 13,100,000
Apr.	\$ 128,250,000	\$ 9,250,000	\$ 137,500,000		\$ 17,200,000	\$ 1,750,000	\$ 18,950,000
May	\$ 133,100,000	\$ 10,250,000	\$ 143,350,000		\$ 7,000,000	\$ 1,050,000	\$ 8,050,000
June	\$ 186,950,000	\$ 16,450,000	\$ 203,400,000		\$ 57,400,000	\$ 750,000	\$ 58,150,000
July	\$ 171,850,000	\$ 9,300,000	\$ 181,150,000		\$ 5,200,000	\$ 850,000	\$ 6,050,000
Aug.	\$ 140,800,000	\$ 13,200,000	\$ 154,000,000		\$ 16,150,000	\$ 600,000	\$ 16,750,000
Sept.	\$ 163,950,000	\$ 8,600,000	\$ 172,550,000		\$ 15,800,000	\$ 950,000	\$ 16,750,000
Oct.	\$ 194,800,000	\$ 17,850,000	\$ 212,650,000		\$ 9,250,000	\$ 850,000	\$ 10,100,000
Nov. (p)	\$ 154,550,000	\$ 11,950,000	\$ 166,500,000		\$ 6,100,000	\$ 200,000	\$ 6,300,000
11 Mos.	\$1,594,700,000	\$ 129,450,000	\$1,724,150,000		\$ 169,000,000	\$ 10,300,000	\$ 179,300,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

CUTTING

DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan.	\$ 51,350,000	\$ 5,700,000	\$ 57,050,000	992.65	\$ 93,400,000	\$ 14,000,000	\$ 107,400,000
Feb.	\$ 69,550,000	\$ 7,850,000	\$ 77,400,000	941.25	\$ 116,700,000	\$ 12,100,000	\$ 128,800,000
Mar.	\$ 84,950,000	\$ 4,700,000	\$ 89,650,000	896.50	\$ 119,700,000	\$ 14,700,000	\$ 134,400,000
Apr.	\$ 73,650,000	\$ 5,600,000	\$ 79,250,000	862.80	\$ 100,550,000	\$ 12,400,000	\$ 112,950,000
May	\$ 88,200,000	\$ 5,400,000	\$ 93,600,000	857.60	\$ 88,600,000	\$ 10,200,000	\$ 98,800,000
June	\$ 88,450,000	\$ 8,000,000	\$ 96,450,000	808.30	\$ 119,050,000	\$ 26,700,000	\$ 145,750,000
July	\$ 124,650,000	\$ 4,100,000	\$ 128,750,000	861.65	\$ 61,900,000	\$ 13,500,000	\$ 75,400,000
Aug.	\$ 82,650,000	\$ 8,350,000	\$ 91,000,000	869.80	\$ 72,750,000	\$ 10,100,000	\$ 82,850,000
Sept.	\$ 98,600,000	\$ 3,850,000	\$ 102,450,000	878.15	\$ 85,500,000	\$ 8,600,000	\$ 94,100,000
Oct.	\$ 115,600,000	\$ 13,850,000	\$ 129,450,000	905.55	\$ 93,150,000	\$ 8,900,000	\$ 102,050,000
Nov. (p)	\$ 107,600,000	\$ 7,700,000	\$ 115,300,000	913.85	\$ 95,900,000	\$ 11,100,000	\$ 107,000,000
11 Mos.	\$ 985,250,000	\$ 75,100,000	\$1,060,350,000		\$1,047,200,000	\$142,300,000	\$1,189,500,000

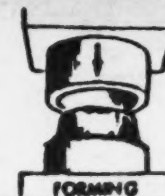
DATE	GROSS NEW ORDERS				CANCELLATIONS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan.	\$ 62,750,000	\$ 6,050,000	\$ 68,800,000		\$ 11,400,000	\$ 350,000	\$ 11,750,000
Feb.	\$ 78,300,000	\$ 8,450,000	\$ 86,750,000		\$ 8,750,000	\$ 600,000	\$ 9,350,000
Mar.	\$ 95,900,000	\$ 6,350,000	\$ 102,250,000		\$ 10,950,000	\$ 1,650,000	\$ 12,600,000
Apr.	\$ 88,200,000	\$ 7,300,000	\$ 95,500,000		\$ 14,550,000	\$ 1,700,000	\$ 16,250,000
May	\$ 94,750,000	\$ 6,000,000	\$ 100,750,000		\$ 6,550,000	\$ 600,000	\$ 7,150,000
June	\$ 145,800,000	\$ 8,600,000	\$ 154,400,000		\$ 57,350,000	\$ 600,000	\$ 57,950,000
July	\$ 129,350,000	\$ 4,900,000	\$ 134,250,000		\$ 4,700,000	\$ 800,000	\$ 5,500,000
Aug.	\$ 98,000,000	\$ 8,650,000	\$ 106,650,000		\$ 15,350,000	\$ 300,000	\$ 15,650,000
Sept.	\$ 111,400,000	\$ 4,750,000	\$ 116,150,000		\$ 12,800,000	\$ 900,000	\$ 13,700,000
Oct.	\$ 123,650,000	\$ 14,450,000	\$ 138,100,000		\$ 8,050,000	\$ 600,000	\$ 8,650,000
Nov. (p)	\$ 112,450,000	\$ 7,750,000	\$ 120,200,000		\$ 4,850,000	\$ 50,000	\$ 4,900,000
11 Mos.	\$1,140,550,000	\$ 83,250,000	\$1,223,800,000		\$ 155,300,000	\$ 8,150,000	\$ 163,450,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
 New Orders, Cancellations, Shipments and Backlog



DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan.	\$ 28,950,000	\$ 5,850,000	\$ 34,800,000	139.95	\$ 38,050,000	\$ 7,400,000	\$ 45,450,000
Feb.	\$ 18,700,000	\$ 1,400,000	\$ 20,100,000	130.50	\$ 26,550,000	\$ 3,000,000	\$ 29,550,000
Mar.	\$ 32,050,000	\$ 3,800,000	\$ 35,850,000	124.50	\$ 36,400,000	\$ 5,450,000	\$ 41,850,000
Apr.	\$ 37,400,000	\$ 1,900,000	\$ 39,300,000	125.95	\$ 35,000,000	\$ 2,850,000	\$ 37,850,000
May	\$ 37,900,000	\$ 3,800,000	\$ 41,700,000	130.60	\$ 35,050,000	\$ 2,000,000	\$ 37,050,000
June	\$ 41,100,000	\$ 7,700,000	\$ 48,800,000	142.15	\$ 33,100,000	\$ 4,150,000	\$ 37,250,000
July	\$ 42,000,000	\$ 4,350,000	\$ 46,350,000	151.55	\$ 31,950,000	\$ 5,000,000	\$ 36,950,000
Aug.	\$ 42,000,000	\$ 4,250,000	\$ 46,250,000	167.65	\$ 28,900,000	\$ 1,250,000	\$ 30,150,000
Sept.	\$ 49,550,000	\$ 3,800,000	\$ 53,350,000	183.40	\$ 33,150,000	\$ 4,450,000	\$ 37,600,000
Oct.	\$ 69,950,000	\$ 3,150,000	\$ 73,100,000	213.15	\$ 40,850,000	\$ 2,500,000	\$ 43,350,000
Nov. (p)	\$ 40,850,000	\$ 4,050,000	\$ 44,900,000	217.60	\$ 37,100,000	\$ 3,350,000	\$ 40,450,000
11 Mos.	\$ 440,450,000	\$ 44,050,000	\$ 484,500,000		\$ 376,100,000	\$ 41,400,000	\$ 417,500,000

DATE	GROSS NEW ORDERS			CANCELLATIONS		
	Domestic	Foreign	Total	Domestic	Foreign	Total
1983						
Jan.	\$ 30,700,000	\$ 6,450,000	\$ 37,150,000	\$ 1,750,000	\$ 600,000	\$ 2,350,000
Feb.	\$ 20,300,000	\$ 1,450,000	\$ 21,750,000	\$ 1,600,000	\$ 50,000	\$ 1,650,000
Mar.	\$ 32,500,000	\$ 3,850,000	\$ 36,350,000	\$ 450,000	\$ 50,000	\$ 500,000
Apr.	\$ 40,050,000	\$ 1,950,000	\$ 42,000,000	\$ 2,650,000	\$ 50,000	\$ 2,700,000
May	\$ 38,350,000	\$ 4,250,000	\$ 42,600,000	\$ 450,000	\$ 450,000	\$ 900,000
June	\$ 41,150,000	\$ 7,850,000	\$ 49,000,000	\$ 50,000	\$ 150,000	\$ 200,000
July	\$ 42,500,000	\$ 4,400,000	\$ 46,900,000	\$ 500,000	\$ 50,000	\$ 550,000
Aug.	\$ 42,800,000	\$ 4,550,000	\$ 47,350,000	\$ 800,000	\$ 300,000	\$ 1,100,000
Sept.	\$ 52,550,000	\$ 3,850,000	\$ 56,400,000	\$ 3,000,000	\$ 50,000	\$ 3,050,000
Oct.	\$ 71,150,000	\$ 3,400,000	\$ 74,550,000	\$ 1,200,000	\$ 250,000	\$ 1,450,000
Nov. (p)	\$ 42,100,000	\$ 4,200,000	\$ 46,300,000	\$ 1,250,000	\$ 150,000	\$ 1,400,000
11 Mos.	\$ 454,150,000	\$ 46,200,000	\$ 500,350,000	\$ 13,700,000	\$ 2,150,000	\$ 15,850,000

P - Preliminary

N.M.T.B.A. F - 1d

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

November 22, 1983

FOR RELEASE A.M. MONDAY, NOVEMBER 28, 1983

**PRESS
release**

McLean, VA, November 28, 1983 -- Machine tool orders continued their year-long recovery by recording a 30% increase during the month of October, while shipments, which rose 9%, recorded their fourth month of slow growth. During October, machine tool orders totaled \$203,050,000 and shipments were \$143,200,000, according to data released by the National Machine Tool Builders' Association (NMTBA). Compared to October 1982 totals, the current month's orders are up 70%, while shipments are down 29%.

Contact:

Charles Pollock

"We are delighted to see the steady increase in orders from their late 1982 lows and to witness the apparent beginning of a shipment recovery," said James A. Gray, NMTBA President. "However, what appears to be a large growth in orders, needs to be placed in perspective. In early 1980, monthly machine tool orders averaged over \$500 million per month, versus \$203 million in October. Similarly, October's shipment rate was \$143 million, while in late 1981 shipments were averaging \$435 million per month."

-over-

**national
machine
tool builders'
association**

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AREA CODE (703) 893-2900
TWX: 710-831-0031 NMTBA MCLN

"As these comparisons show, machine tool activity must nearly triple before the industry can be said to have recovered." Gray observed. "Obviously, that magnitude of improvement is a long way off -- and it may never be reached if the industry continues to be deluged by growing imports, which have increased their market share from 23% at the beginning of the recession to 34% in 1983.

"The machine tool industry is absolutely vital to our nation." Gray stated. "It is imperative that the Reagan Administration provide a brief respite from the current wave of machine tool imports. The alternative is a severely weakened machine tool industry, which will be unable to respond to a national emergency. The spectre of foreign-source dependence for a critical building block of our industrial defense base is very real indeed." Gray concluded.

During October, metal-cutting machine tool orders totaled \$129,950,000, which represents a 27% increase over September and a 78% rise from a year ago. Meanwhile, shipments rose 6% during the month to a total of \$99,850,000, which is 34% lower than October 1982 metal-cutting shipments.

Metal-forming type machine tool orders were reported up 37% to a total value of \$73,100,000. This rate is 58% higher than last year's. Shipments were also up from their September total, by 15%. In October metal-forming shipments were \$43,350,000, which is 14% below the shipment rate during October 1982.

During October, the machine tool industry's backlog rose 6% to a value of \$1,121,400,000.

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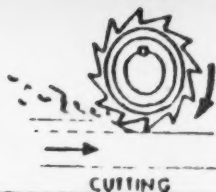
COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS (Thousands of Dollars)

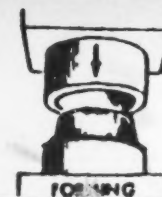
	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
Oct. 1983	116,050	13,900	129,950	69,950	3,150	73,100	186,000	17,050	203,050
Sept. 1983	98,600	3,850	102,450	49,550	3,800	53,350	148,150	7,650	155,800
% Change									
Oct.1983:Sept.1983	+17.7	+261.0	+26.8	+41.2	-17.1	+37.0	+25.5	+122.9	+30.3
Oct. 1982	59,100	13,750	72,850	42,550	3,800	46,350	101,650	17,550	119,200
% Change									
Oct. 1983:Oct. 1982	+96.4	+1.1	+78.4	+64.4	-17.1	+57.7	+83.0	-2.8	+70.3
Year To Date 1983	878,100	67,450	945,550	399,600	40,000	439,600	1,277,700	107,450	1,385,150
Year To Date 1982	757,950	157,950	915,900	316,350	56,350	372,700	1,074,300	214,300	1,288,600
% Change									
1983 : 1982	+15.9	-57.3	+3.2	+26.3	-29.0	+18.0	+18.9	-49.9	+7.5

SHIPMENTS -- MACHINE TOOLS (Thousands of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
Oct. 1983	91,850	8,000	99,850	40,850	2,500	43,350	132,700	10,500	143,200
Sept. 1983	85,500	8,600	94,100	33,150	4,450	37,600	118,650	13,050	131,700
% Change									
Oct.1983:Sept.1983	+7.4	-7.0	+6.1	+23.2	-43.8	+15.3	+11.8	-19.5	+8.7
Oct. 1982	132,300	18,300	150,600	42,250	7,850	50,100	174,550	26,150	200,700
% Change									
Oct. 1983:Oct. 1982	-30.6	-56.3	-33.7	-3.3	-68.2	-13.5	-24.0	-59.8	-28.6
Year To Date 1983	950,000	130,300	1,080,300	339,000	38,050	377,050	1,289,000	168,350	1,457,350
Year To Date 1982	2,279,600	255,150	2,534,750	524,550	87,450	612,000	2,804,150	342,600	3,146,750
% Change									
1983 : 1982	-58.3	-48.9	-57.4	-35.4	-56.5	-38.4	-54.0	-50.9	-53.7



**TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING**
New Orders, Cancellations, Shipments and Backlog



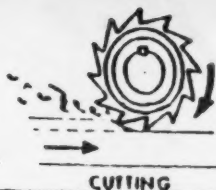
DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan.	\$ 80,300,000	\$ 11,550,000	\$ 91,850,000	1,132.60	\$ 131,450,000	\$ 21,400,000	\$ 152,850,000
Feb.	\$ 88,250,000	\$ 9,250,000	\$ 97,500,000	1,071.75	\$ 143,250,000	\$ 15,100,000	\$ 158,350,000
Mar.	\$ 117,000,000	\$ 8,500,000	\$ 125,500,000	1,021.00	\$ 156,100,000	\$ 20,150,000	\$ 176,250,000
Apr.	\$ 111,050,000	\$ 7,500,000	\$ 118,550,000	988.75	\$ 135,550,000	\$ 15,250,000	\$ 150,800,000
May	\$ 126,100,000	\$ 9,200,000	\$ 135,300,000	988.20	\$ 123,650,000	\$ 12,200,000	\$ 135,850,000
June	\$ 129,550,000	\$ 15,700,000	\$ 145,250,000	950.45	\$ 152,150,000	\$ 30,850,000	\$ 183,000,000
July	\$ 166,650,000	\$ 8,450,000	\$ 175,100,000	1,013.20	\$ 93,850,000	\$ 18,500,000	\$ 112,350,000
Aug.	\$ 124,650,000	\$ 12,600,000	\$ 137,250,000	1,037.45	\$ 101,650,000	\$ 11,350,000	\$ 113,000,000
Sept.	\$ 148,150,000	\$ 7,650,000	\$ 155,800,000	1,061.55	\$ 118,650,000	\$ 13,050,000	\$ 131,700,000
Oct. (p)	\$ 186,000,000	\$ 17,050,000	\$ 203,050,000	1,121.40	\$ 132,700,000	\$ 10,500,000	\$ 143,200,000
10 Mos.	\$1,277,700,000	\$ 107,450,000	\$1,385,150,000		\$1,289,000,000	\$ 168,350,000	\$1,457,350,000

DATE	GROSS NEW ORDERS			CANCELLATIONS		
	Domestic	Foreign	Total	Domestic	Foreign	Total
1983						
Jan.	\$ 93,450,000	\$ 12,500,000	\$ 105,950,000	\$ 13,150,000	\$ 950,000	\$ 14,100,000
Feb.	\$ 98,600,000	\$ 9,900,000	\$ 108,500,000	\$ 10,350,000	\$ 650,000	\$ 11,000,000
Mar.	\$ 128,400,000	\$ 10,200,000	\$ 138,600,000	\$ 11,400,000	\$ 1,700,000	\$ 13,100,000
Apr.	\$ 129,250,000	\$ 9,250,000	\$ 137,500,000	\$ 17,200,000	\$ 1,750,000	\$ 18,950,000
May	\$ 133,100,000	\$ 10,250,000	\$ 143,350,000	\$ 7,000,000	\$ 1,050,000	\$ 8,050,000
June	\$ 186,950,000	\$ 16,450,000	\$ 203,400,000	\$ 57,400,000	\$ 750,000	\$ 58,150,000
July	\$ 171,850,000	\$ 9,300,000	\$ 181,150,000	\$ 5,200,000	\$ 850,000	\$ 6,050,000
Aug.	\$ 140,800,000	\$ 13,200,000	\$ 154,000,000	\$ 16,150,000	\$ 600,000	\$ 16,750,000
Sept.	\$ 163,950,000	\$ 8,600,000	\$ 172,550,000	\$ 15,800,000	\$ 950,000	\$ 16,750,000
Oct. (p)	\$ 195,250,000	\$ 17,900,000	\$ 213,150,000	\$ 9,250,000	\$ 850,000	\$ 10,100,000
10 Mos.	\$1,440,600,000	\$ 117,550,000	\$1,558,150,000	\$ 162,900,000	\$ 10,100,000	\$ 173,000,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE METAL CUTTING TYPE MACHINE TOOLS New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan.	\$ 51,350,000	\$ 5,700,000	\$ 57,050,000	992.65	\$ 93,400,000	\$ 14,000,000	\$ 107,400,000
Feb.	\$ 69,550,000	\$ 7,850,000	\$ 77,400,000	941.25	\$ 116,700,000	\$ 12,100,000	\$ 128,800,000
Mar.	\$ 84,950,000	\$ 4,700,000	\$ 89,650,000	896.50	\$ 119,700,000	\$ 14,700,000	\$ 134,400,000
Apr.	\$ 73,650,000	\$ 5,600,000	\$ 79,250,000	862.80	\$ 100,550,000	\$ 12,400,000	\$ 112,950,000
May	\$ 88,200,000	\$ 5,400,000	\$ 93,600,000	857.60	\$ 88,600,000	\$ 10,200,000	\$ 98,800,000
June	\$ 88,450,000	\$ 8,000,000	\$ 96,450,000	808.30	\$ 119,050,000	\$ 26,700,000	\$ 145,750,000
July	\$ 124,650,000	\$ 4,100,000	\$ 128,750,000	861.65	\$ 61,900,000	\$ 13,500,000	\$ 75,400,000
Aug.	\$ 82,650,000	\$ 8,350,000	\$ 91,000,000	869.80	\$ 72,750,000	\$ 10,100,000	\$ 82,850,000
Sept.	\$ 98,600,000	\$ 3,850,000	\$ 102,450,000	878.15	\$ 85,500,000	\$ 8,600,000	\$ 94,100,000
Oct. (p)	\$ 116,050,000	\$ 13,900,000	\$ 129,950,000	908.25	\$ 91,850,000	\$ 8,000,000	\$ 99,850,000
10 Mos.	\$ 878,100,000	\$ 67,450,000	\$ 945,550,000		\$ 950,000,000	\$ 130,300,000	\$ 1,080,300,000

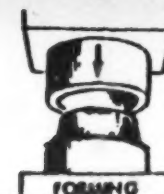
DATE	GROSS NEW ORDERS				CANCELLATIONS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan.	\$ 62,750,000	\$ 6,050,000	\$ 68,800,000		\$ 11,400,000	\$ 350,000	\$ 11,750,000
Feb.	\$ 78,300,000	\$ 8,450,000	\$ 86,750,000		\$ 8,750,000	\$ 600,000	\$ 9,350,000
Mar.	\$ 95,900,000	\$ 6,350,000	\$ 102,250,000		\$ 10,950,000	\$ 1,650,000	\$ 12,600,000
Apr.	\$ 88,200,000	\$ 7,300,000	\$ 95,500,000		\$ 14,550,000	\$ 1,700,000	\$ 16,250,000
May	\$ 94,750,000	\$ 6,000,000	\$ 100,750,000		\$ 6,550,000	\$ 600,000	\$ 7,150,000
June	\$ 145,800,000	\$ 8,600,000	\$ 154,400,000		\$ 57,350,000	\$ 600,000	\$ 57,950,000
July	\$ 129,350,000	\$ 4,900,000	\$ 134,250,000		\$ 4,700,000	\$ 800,000	\$ 5,500,000
Aug.	\$ 98,000,000	\$ 8,650,000	\$ 106,650,000		\$ 15,350,000	\$ 300,000	\$ 15,650,000
Sept.	\$ 111,400,000	\$ 4,750,000	\$ 116,150,000		\$ 12,800,000	\$ 900,000	\$ 13,700,000
Oct. (p)	\$ 124,100,000	\$ 14,500,000	\$ 138,600,000		\$ 8,050,000	\$ 600,000	\$ 8,650,000
10 Mos.	\$ 1,028,550,000	\$ 75,550,000	\$ 1,104,100,000		\$ 150,450,000	\$ 8,100,000	\$ 158,550,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog



DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan.	\$ 28,950,000	\$ 5,850,000	\$ 34,800,000	139.95	\$ 38,050,000	\$ 7,400,000	\$ 45,450,000
Feb.	\$ 18,700,000	\$ 1,400,000	\$ 20,100,000	130.50	\$ 26,550,000	\$ 3,000,000	\$ 29,550,000
Mar.	\$ 32,050,000	\$ 3,800,000	\$ 35,850,000	124.50	\$ 36,400,000	\$ 5,450,000	\$ 41,850,000
Apr.	\$ 37,400,000	\$ 1,900,000	\$ 39,300,000	125.95	\$ 35,000,000	\$ 2,850,000	\$ 37,850,000
May	\$ 37,900,000	\$ 3,800,000	\$ 41,700,000	130.60	\$ 35,050,000	\$ 2,000,000	\$ 37,050,000
June	\$ 41,100,000	\$ 7,700,000	\$ 48,800,000	142.15	\$ 33,100,000	\$ 4,150,000	\$ 37,250,000
July	\$ 42,000,000	\$ 4,350,000	\$ 46,350,000	151.55	\$ 31,950,000	\$ 5,000,000	\$ 36,950,000
Aug.	\$ 42,000,000	\$ 4,250,000	\$ 46,250,000	167.65	\$ 28,900,000	\$ 1,250,000	\$ 30,150,000
Sept.	\$ 49,550,000	\$ 3,800,000	\$ 53,350,000	183.40	\$ 33,150,000	\$ 4,450,000	\$ 37,600,000
Oct. (p)	\$ 69,950,000	\$ 3,150,000	\$ 73,100,000	213.15	\$ 40,850,000	\$ 2,500,000	\$ 43,350,000
10 Mos.	\$ 399,600,000	\$ 40,000,000	\$ 439,600,000		\$ 339,000,000	\$ 38,050,000	\$ 377,050,000

DATE	GROSS NEW ORDERS				CANCELLATIONS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan.	\$ 30,700,000	\$ 6,450,000	\$ 37,150,000		\$ 1,750,000	\$ 600,000	\$ 2,350,000
Feb.	\$ 20,300,000	\$ 1,450,000	\$ 21,750,000		\$ 1,600,000	\$ 50,000	\$ 1,650,000
Mar.	\$ 32,500,000	\$ 3,850,000	\$ 36,350,000		\$ 450,000	\$ 50,000	\$ 500,000
Apr.	\$ 40,050,000	\$ 1,950,000	\$ 42,000,000		\$ 2,650,000	\$ 50,000	\$ 2,700,000
May	\$ 38,350,000	\$ 4,250,000	\$ 42,600,000		\$ 450,000	\$ 450,000	\$ 900,000
June	\$ 41,150,000	\$ 7,850,000	\$ 49,000,000		\$ 50,000	\$ 150,000	\$ 200,000
July	\$ 42,500,000	\$ 4,400,000	\$ 46,900,000		\$ 500,000	\$ 50,000	\$ 550,000
Aug.	\$ 42,800,000	\$ 4,550,000	\$ 47,350,000		\$ 800,000	\$ 300,000	\$ 1,100,000
Sept.	\$ 52,550,000	\$ 3,850,000	\$ 56,400,000		\$ 3,000,000	\$ 50,000	\$ 3,050,000
Oct. (p)	\$ 71,150,000	\$ 3,400,000	\$ 74,550,000		\$ 1,200,000	\$ 250,000	\$ 1,450,000
10 Mos.	\$ 412,050,000	\$ 42,000,000	\$ 454,050,000		\$ 12,450,000	\$ 2,000,000	\$ 14,450,000

P - Preliminary

N.M.T.B.A. F - 1d

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

1/26/84
A 8050-1

FOR RELEASE A.M. MONDAY, JANUARY 30, 1984

January 24, 1984
**press
release**

American machine tool orders rose 13% for the year ending December 31, 1983, according to data released today by the National Machine Tool Builders' Association. Net new orders of cutting and forming machine tools totaled \$1,696,050,000 for the year compared to \$1,497,750,000 in 1982. However, shipments were down steeply for the year at \$1,845,600,000, a 49% drop from 1982's total of \$3,604,400,000.

Orders for the month of December declined 6% from the previous month at \$151,150,000, while shipments rose 61% for the month to \$238,350,000 as builders pushed to meet year-end shipping goals.

"This year's order increase, while quite small, offers some encouragement for our seriously debilitated industry," said NMTBA President James A. Gray. "But the drastic decline in annual shipments has already taken a severe toll," Gray added, "with numerous plant closings, consolidations, and further lay offs of the industry's skilled workers."

-over-

 **national
machine
tool builders'
association**

7901 WESTPARK DRIVE
MCLEAN, VIRGINIA 22102
AREA CODE (703) 893-2900
TWX: 710-831-0031 NMTBA MCLN

Gray pointed to imports, which rose to an estimated 36% of domestic consumption in 1983 (compared to 27% in 1982), as a primary factor in the decline. The Association petitioned President Reagan in March of last year to restrict machine tool imports to 17.5% of domestic consumption for a period of five years, citing evidence that current import levels imperil national security. The petition, which must be acted upon by March 14 of this year, demonstrates that the industry's current productive capacity would be insufficient to support the defense industrial base in the event of a national emergency. "Without a healthy American machine tool industry," Gray emphasized, "our nation's deterrence posture is seriously weakened by reliance upon foreign suppliers for the tools to produce virtually every conventional armament."

In the two basic categories of machine tools, metal cutting tools recorded an 8% order increase for the year at \$1,151,550,000 while metal forming machine tool orders rose 26%, totalling \$544,500,000. Metal cutting shipments were off 53% at \$1,372,050,000 and shipments of metal forming machine tools dropped 33% to a level of \$473,550,000 during 1983.

For the month of December, orders in the metal cutting category fell 21% to \$91,150,000 with shipments up 70% at \$182,300,000. Metal forming machine tools orders rose 34% for the month at \$60,000,000 while shipments rose 39% at \$56,050,000 for the period.

Industry backlog, which totaled \$1.133 billion in January 1983, ended the year at \$1.044 billion, down slightly.

#

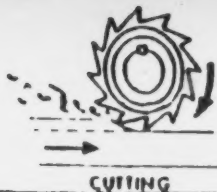
COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS (Thousands of Dollars)

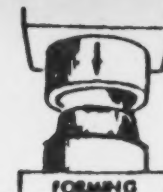
	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
Dec. 1983	84,050	7,100	91,150	48,300	11,700	60,000	132,350	18,800	151,150
Nov. 1983	107,650	7,700	115,350	40,850	4,050	44,900	148,500	11,750	160,250
% Change									
Dec.1983:Nov.1983	-21.9	-7.8	-21.0	+18.2	+188.9	+33.6	-10.9	+60.0	-5.7
Dec. 1982	84,200	1,600	85,800	33,500	1,650	35,150	117,700	3,250	120,950
% Change									
Dec. 1983:Dec. 1982	-0.2	+343.8	+6.2	+44.2	+609.1	+70.7	+12.4	+478.5	+25.0
Year To Date 1983	1,069,350	82,200	1,151,550	488,750	55,750	544,500	1,558,100	137,950	1,696,050
Year To Date 1982	889,600	174,850	1,064,450	371,750	61,550	433,300	1,261,350	236,400	1,497,750
% Change									
1983 : 1982	+20.2	-53.0	+8.2	+31.5	-9.4	+25.7	+23.5	-41.6	+13.2

SHIPMENTS -- MACHINE TOOLS (Thousands of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
Dec. 1983	152,700	29,600	182,300	54,350	1,700	56,050	207,050	31,300	238,350
Nov. 1983	96,150	11,100	107,250	37,100	3,350	40,450	133,250	14,450	147,700
% Change									
Dec.1983:Nov.1983	+58.8	+166.7	+70.0	+46.5	-49.3	-38.6	+55.4	+116.6	+61.4
Dec. 1982	184,200	20,100	204,300	41,500	18,350	59,850	225,700	38,450	264,150
% Change									
Dec. 1983:Dec. 1982	-17.1	+47.3	-10.8	+31.0	-90.7	-6.3	-8.3	-18.6	-9.8
Year To Date 1983	1,200,150	171,900	1,372,050	430,450	43,100	473,550	1,630,600	215,000	1,845,600
Year To Date 1982	2,598,600	296,150	2,894,750	599,750	109,900	709,650	3,198,350	406,050	3,604,400
% Change									
1983 : 1982	-53.8	-42.0	-52.6	-28.2	-60.8	-33.3	-49.0	-47.1	-48.8



TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
 New Orders, Cancellations, Shipments and Backlog



DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan.	\$ 80,300,000	\$ 11,550,000	\$ 91,850,000	1,132.60	\$ 131,450,000	\$ 21,400,000	\$ 152,850,000
Feb.	\$ 88,250,000	\$ 9,250,000	\$ 97,500,000	1,071.75	\$ 143,250,000	\$ 15,100,000	\$ 158,350,000
Mar.	\$ 117,000,000	\$ 8,500,000	\$ 125,500,000	1,021.00	\$ 156,100,000	\$ 20,150,000	\$ 176,250,000
Apr.	\$ 111,050,000	\$ 7,500,000	\$ 118,550,000	988.75	\$ 135,550,000	\$ 15,250,000	\$ 150,800,000
May	\$ 126,300,000	\$ 9,200,000	\$ 135,300,000	988.20	\$ 123,650,000	\$ 12,200,000	\$ 135,850,000
June	\$ 129,550,000	\$ 15,700,000	\$ 145,250,000	950.45	\$ 152,150,000	\$ 30,850,000	\$ 183,000,000
July	\$ 166,650,000	\$ 8,450,000	\$ 175,100,000	1,013.20	\$ 93,850,000	\$ 18,500,000	\$ 112,350,000
Aug.	\$ 124,650,000	\$ 12,600,000	\$ 137,250,000	1,037.45	\$ 101,650,000	\$ 11,350,000	\$ 113,000,000
Sept.	\$ 148,150,000	\$ 7,650,000	\$ 155,800,000	1,061.55	\$ 118,650,000	\$ 13,050,000	\$ 131,700,000
Oct.	\$ 185,550,000	\$ 17,000,000	\$ 202,550,000	1,118.70	\$ 134,000,000	\$ 11,400,000	\$ 145,400,000
Nov.	\$ 148,500,000	\$ 11,750,000	\$ 160,250,000	1,131.25	\$ 133,250,000	\$ 14,450,000	\$ 147,700,000
Dec. (p)	\$ 132,350,000	\$ 18,800,000	\$ 151,150,000	1,044.05	\$ 207,050,000	\$ 31,300,000	\$ 238,350,000
12 Mos.	\$1,558,100,000	\$ 137,950,000	\$1,696,050,000		\$1,630,600,000	\$ 215,000,000	\$1,845,600,000

DATE	GROSS NEW ORDERS			CANCELLATIONS		
	Domestic	Foreign	Total	Domestic	Foreign	Total
1983						
Jan.	\$ 93,450,000	\$ 12,500,000	\$ 105,950,000	\$ 13,150,000	\$ 950,000	\$ 14,100,000
Feb.	\$ 98,600,000	\$ 9,900,000	\$ 108,500,000	\$ 10,350,000	\$ 650,000	\$ 11,000,000
Mar.	\$ 128,400,000	\$ 10,200,000	\$ 138,600,000	\$ 11,400,000	\$ 1,700,000	\$ 13,100,000
Apr.	\$ 128,250,000	\$ 9,250,000	\$ 137,500,000	\$ 17,200,000	\$ 1,750,000	\$ 18,950,000
May	\$ 133,100,000	\$ 10,250,000	\$ 143,350,000	\$ 7,000,000	\$ 1,050,000	\$ 8,050,000
June	\$ 186,950,000	\$ 16,450,000	\$ 203,400,000	\$ 57,400,000	\$ 750,000	\$ 58,150,000
July	\$ 171,850,000	\$ 9,300,000	\$ 181,150,000	\$ 5,200,000	\$ 850,000	\$ 6,050,000
Aug.	\$ 140,800,000	\$ 13,200,000	\$ 154,000,000	\$ 16,150,000	\$ 600,000	\$ 16,750,000
Sept.	\$ 163,950,000	\$ 8,600,000	\$ 172,550,000	\$ 15,800,000	\$ 950,000	\$ 16,750,000
Oct.	\$ 194,800,000	\$ 17,850,000	\$ 212,650,000	\$ 9,250,000	\$ 850,000	\$ 10,100,000
Nov.	\$ 154,650,000	\$ 12,000,000	\$ 166,650,000	\$ 6,150,000	\$ 250,000	\$ 6,400,000
Dec. (p)	\$ 144,300,000	\$ 21,000,000	\$ 165,300,000	\$ 11,950,000	\$ 2,200,000	\$ 14,150,000
12 Mos.	\$1,739,100,000	\$ 150,500,000	\$1,889,600,000	\$ 181,000,000	\$ 12,550,000	\$ 193,550,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE METAL CUTTING TYPE MACHINE TOOLS New Orders, Cancellations, Shipments and Backlog

CUTTING

DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan.	\$ 51,350,000	\$ 5,700,000	\$ 57,050,000	992.65	\$ 93,400,000	\$ 14,000,000	\$ 107,400,000
Feb.	\$ 69,550,000	\$ 7,850,000	\$ 77,400,000	941.25	\$ 116,700,000	\$ 12,100,000	\$ 128,800,000
Mar.	\$ 84,950,000	\$ 4,700,000	\$ 89,650,000	896.50	\$ 119,700,000	\$ 14,700,000	\$ 134,400,000
Apr.	\$ 73,650,000	\$ 5,600,000	\$ 79,250,000	862.80	\$ 100,550,000	\$ 12,400,000	\$ 112,950,000
May	\$ 88,200,000	\$ 5,400,000	\$ 93,600,000	857.60	\$ 88,600,000	\$ 10,200,000	\$ 98,800,000
June	\$ 88,450,000	\$ 8,000,000	\$ 96,450,000	808.30	\$ 119,050,000	\$ 26,700,000	\$ 145,750,000
July	\$ 124,650,000	\$ 4,100,000	\$ 128,750,000	861.65	\$ 61,900,000	\$ 13,500,000	\$ 75,400,000
Aug.	\$ 82,650,000	\$ 8,350,000	\$ 91,000,000	869.80	\$ 72,750,000	\$ 10,100,000	\$ 82,850,000
Sept.	\$ 98,600,000	\$ 3,850,000	\$ 102,450,000	878.15	\$ 85,500,000	\$ 8,600,000	\$ 94,100,000
Oct.	\$ 115,600,000	\$ 13,850,000	\$ 129,450,000	905.55	\$ 93,150,000	\$ 8,900,000	\$ 102,050,000
Nov.	\$ 107,650,000	\$ 7,700,000	\$ 115,350,000	913.65	\$ 96,150,000	\$ 11,100,000	\$ 107,250,000
Dec. (p)	\$ 84,050,000	\$ 7,100,000	\$ 91,150,000	822.50	\$ 152,700,000	\$ 29,600,000	\$ 182,300,000
12 Mos.	\$1,069,350,000	\$ 82,200,000	\$1,151,550,000		\$1,200,150,000	\$171,900,000	\$1,372,050,000

DATE	GROSS NEW ORDERS				CANCELLATIONS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan.	\$ 62,750,000	\$ 6,050,000	\$ 68,800,000		\$ 11,400,000	\$ 350,000	\$ 11,750,000
Feb.	\$ 78,300,000	\$ 8,450,000	\$ 86,750,000		\$ 8,750,000	\$ 600,000	\$ 9,350,000
Mar.	\$ 95,900,000	\$ 6,350,000	\$ 102,250,000		\$ 10,950,000	\$ 1,650,000	\$ 12,600,000
Apr.	\$ 88,200,000	\$ 7,300,000	\$ 95,500,000		\$ 14,550,000	\$ 1,700,000	\$ 16,250,000
May	\$ 94,750,000	\$ 6,000,000	\$ 100,750,000		\$ 6,550,000	\$ 600,000	\$ 7,150,000
June	\$ 145,800,000	\$ 8,600,000	\$ 154,400,000		\$ 57,350,000	\$ 600,000	\$ 57,950,000
July	\$ 129,350,000	\$ 4,900,000	\$ 134,250,000		\$ 4,700,000	\$ 800,000	\$ 5,500,000
Aug.	\$ 98,000,000	\$ 8,650,000	\$ 106,650,000		\$ 15,350,000	\$ 300,000	\$ 15,650,000
Sept.	\$ 111,400,000	\$ 4,750,000	\$ 116,150,000		\$ 12,800,000	\$ 900,000	\$ 13,700,000
Oct.	\$ 123,650,000	\$ 14,450,000	\$ 138,100,000		\$ 8,050,000	\$ 600,000	\$ 8,650,000
Nov.	\$ 112,550,000	\$ 7,800,000	\$ 120,350,000		\$ 4,900,000	\$ 100,000	\$ 5,000,000
Dec. (p)	\$ 95,250,000	\$ 9,100,000	\$ 104,350,000		\$ 11,200,000	\$ 2,000,000	\$ 13,200,000
12 Mos.	\$1,235,900,000	\$ 92,400,000	\$1,328,300,000		\$ 166,550,000	\$ 10,200,000	\$ 176,750,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
 New Orders, Cancellations, Shipments and Backlog



DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan.	\$ 28,950,000	\$ 5,850,000	\$ 34,800,000	139.95	\$ 38,050,000	\$ 7,400,000	\$ 45,450,000
Feb.	\$ 18,700,000	\$ 1,400,000	\$ 20,100,000	130.50	\$ 26,550,000	\$ 3,000,000	\$ 29,550,000
Mar.	\$ 32,050,000	\$ 3,800,000	\$ 35,850,000	124.50	\$ 36,400,000	\$ 5,450,000	\$ 41,850,000
Apr.	\$ 37,400,000	\$ 1,900,000	\$ 39,300,000	125.95	\$ 35,000,000	\$ 2,850,000	\$ 37,850,000
May	\$ 37,900,000	\$ 3,800,000	\$ 41,700,000	130.60	\$ 35,050,000	\$ 2,000,000	\$ 37,050,000
June	\$ 41,100,000	\$ 7,700,000	\$ 48,800,000	142.15	\$ 33,100,000	\$ 4,150,000	\$ 37,250,000
July	\$ 42,000,000	\$ 4,350,000	\$ 46,350,000	151.55	\$ 31,950,000	\$ 5,000,000	\$ 36,950,000
Aug.	\$ 42,000,000	\$ 4,250,000	\$ 46,250,000	167.65	\$ 28,900,000	\$ 1,250,000	\$ 30,150,000
Sept.	\$ 49,550,000	\$ 3,800,000	\$ 53,350,000	183.40	\$ 33,150,000	\$ 4,450,000	\$ 37,600,000
Oct.	\$ 69,950,000	\$ 3,150,000	\$ 73,100,000	213.15	\$ 40,850,000	\$ 2,500,000	\$ 43,350,000
Nov.	\$ 40,850,000	\$ 4,050,000	\$ 44,900,000	217.60	\$ 37,100,000	\$ 3,350,000	\$ 40,450,000
Dec. (p)	\$ 48,300,000	\$ 11,700,000	\$ 60,000,000	221.55	\$ 54,350,000	\$ 1,700,000	\$ 56,050,000
12 Mos.	\$ 488,750,000	\$ 55,750,000	\$ 544,500,000		\$ 430,450,000	\$ 43,100,000	\$ 473,550,000

DATE	GROSS NEW ORDERS			CANCELLATIONS		
	Domestic	Foreign	Total	Domestic	Foreign	Total
1983						
Jan.	\$ 30,700,000	\$ 6,450,000	\$ 37,150,000	\$ 1,750,000	\$ 600,000	\$ 2,350,000
Feb.	\$ 20,300,000	\$ 1,450,000	\$ 21,750,000	\$ 1,600,000	\$ 50,000	\$ 1,650,000
Mar.	\$ 32,500,000	\$ 3,850,000	\$ 36,350,000	\$ 450,000	\$ 50,000	\$ 500,000
Apr.	\$ 40,050,000	\$ 1,950,000	\$ 42,000,000	\$ 2,650,000	\$ 50,000	\$ 2,700,000
May	\$ 38,350,000	\$ 4,250,000	\$ 42,600,000	\$ 450,000	\$ 450,000	\$ 900,000
June	\$ 41,150,000	\$ 7,850,000	\$ 49,000,000	\$ 50,000	\$ 150,000	\$ 200,000
July	\$ 42,500,000	\$ 4,400,000	\$ 46,900,000	\$ 500,000	\$ 50,000	\$ 550,000
Aug.	\$ 42,800,000	\$ 4,550,000	\$ 47,350,000	\$ 800,000	\$ 300,000	\$ 1,100,000
Sept.	\$ 52,550,000	\$ 3,850,000	\$ 56,400,000	\$ 3,000,000	\$ 50,000	\$ 3,050,000
Oct.	\$ 71,150,000	\$ 3,400,000	\$ 74,550,000	\$ 1,200,000	\$ 250,000	\$ 1,450,000
Nov.	\$ 42,100,000	\$ 4,200,000	\$ 46,300,000	\$ 1,250,000	\$ 150,000	\$ 1,400,000
Dec. (p)	\$ 49,050,000	\$ 11,900,000	\$ 60,950,000	\$ 750,000	\$ 200,000	\$ 950,000
12 Mos.	\$ 503,200,000	\$ 58,100,000	\$ 561,300,000	\$ 14,450,000	\$ 2,350,000	\$ 16,800,000

P - Preliminary

N.M.T.B.A. F - 1d

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

QUARTERLY AND YEARLY SHIPMENTS AND NET NEW ORDERS OF MACHINE TOOLS
(DOLLAR FIGURES IN THOUSANDS)
1978 TO DATE

CUTTING AND FORMING				CUTTING			FORMING		
DATE	SHIPMENTS		NET NEW ORDERS	SHIPMENTS		NET NEW ORDERS	SHIPMENTS		NET NEW ORDERS
	Total	Foreign		Total	Foreign		Total	Foreign	
1978-1	\$ 683,200	\$ 62,300	\$ 940,050	\$ 503,850	\$ 44,200	\$ 723,850	\$ 179,350	\$ 18,100	\$ 216,200
2	791,600	79,050	1,129,950	584,200	57,250	886,550	207,400	21,800	243,400
3	687,550	77,750	1,027,650	498,050	59,200	776,950	189,500	18,550	250,700
4	851,100	105,750	1,250,850	602,400	67,750	988,100	248,700	30,000	262,750
Total	\$3,013,450	\$324,850	\$4,348,500	\$2,188,500	\$228,400	\$3,375,450	\$ 824,950	\$ 96,450	\$ 973,050
1979-1	\$ 858,050	\$ 88,300	\$1,471,400	\$ 633,450	\$ 69,000	\$1,158,250	\$ 224,600	\$ 19,300	\$ 313,150
2	978,200	109,150	1,356,450	735,750	87,650	1,083,550	242,450	21,500	272,900
3	899,850	97,050	1,353,200	689,850	78,500	1,120,500	210,000	18,550	232,700
4	1,140,450	116,750	1,440,400	871,000	89,400	1,132,800	269,450	27,350	307,600
Total	\$3,876,550	\$411,250	\$5,621,450	\$2,930,050	\$324,550	\$4,495,100	\$ 946,500	\$ 86,700	\$1,126,350
1980-1	\$1,146,150	\$115,700	\$1,517,450	\$ 881,400	\$ 86,750	\$1,207,800	\$ 264,750	\$ 28,950	\$ 309,650
2	1,193,300	155,550	1,335,350	925,350	122,850	1,142,100	267,950	32,700	193,250
3	1,049,050	133,850	917,500	830,450	102,650	728,300	218,600	31,200	189,200
4	1,303,250	202,400	984,000	1,043,600	162,550	806,550	259,650	39,850	177,450
Total	\$4,691,750	\$607,500	\$4,754,300	\$3,680,800	\$474,800	\$3,884,750	\$1,010,950	\$ 132,700	\$ 869,550
1981-1	\$1,288,200	\$210,800	\$ 920,350	\$1,017,850	\$155,600	\$ 706,600	\$ 270,350	\$ 55,200	\$ 213,750
2	1,367,500	236,350	867,000	1,103,400	185,450	661,200	264,100	50,900	205,800
3	1,133,950	127,950	593,450	920,300	99,950	455,250	213,650	28,060	138,200
4	1,305,950	143,850	564,050	1,062,950	111,050	405,050	243,000	32,800	159,000
Total	\$5,095,600	\$718,950	\$2,944,850	\$4,104,500	\$552,050	\$2,228,100	\$ 991,100	\$ 166,900	\$ 716,750
1982-1	\$1,154,200	\$112,650	\$ 506,800	\$ 933,050	\$ 71,750	\$ 384,850	\$ 221,150	\$ 40,900	\$ 121,950
2	1,008,450	96,600	382,650	810,650	75,350	274,750	197,800	21,250	107,900
3	783,400	107,200	279,950	640,450	89,750	183,450	142,950	17,450	96,500
4	658,350	89,600	328,350	510,600	59,300	221,400	147,750	30,300	106,950
Total	\$3,604,400	\$406,050	\$1,497,750	\$2,894,750	\$296,150	\$1,064,450	\$ 709,650	\$ 109,900	\$ 433,300
1983-1	\$ 487,450	\$ 56,650	\$ 314,850	\$ 370,600	\$ 40,800	\$ 224,100	\$ 116,850	\$ 15,850	\$ 90,750
2	469,650	58,300	399,100	357,500	49,300	269,300	112,150	9,000	129,800
3	357,050	42,900	468,150	252,350	32,200	322,200	104,700	10,700	145,950
4P	531,450	57,150	513,950	391,600	49,600	335,950	139,850	7,550	176,000
Total	\$1,845,600	\$215,000	\$1,696,050	\$1,372,050	\$171,900	\$1,151,550	\$ 473,550	\$ 43,100	\$ 544,500

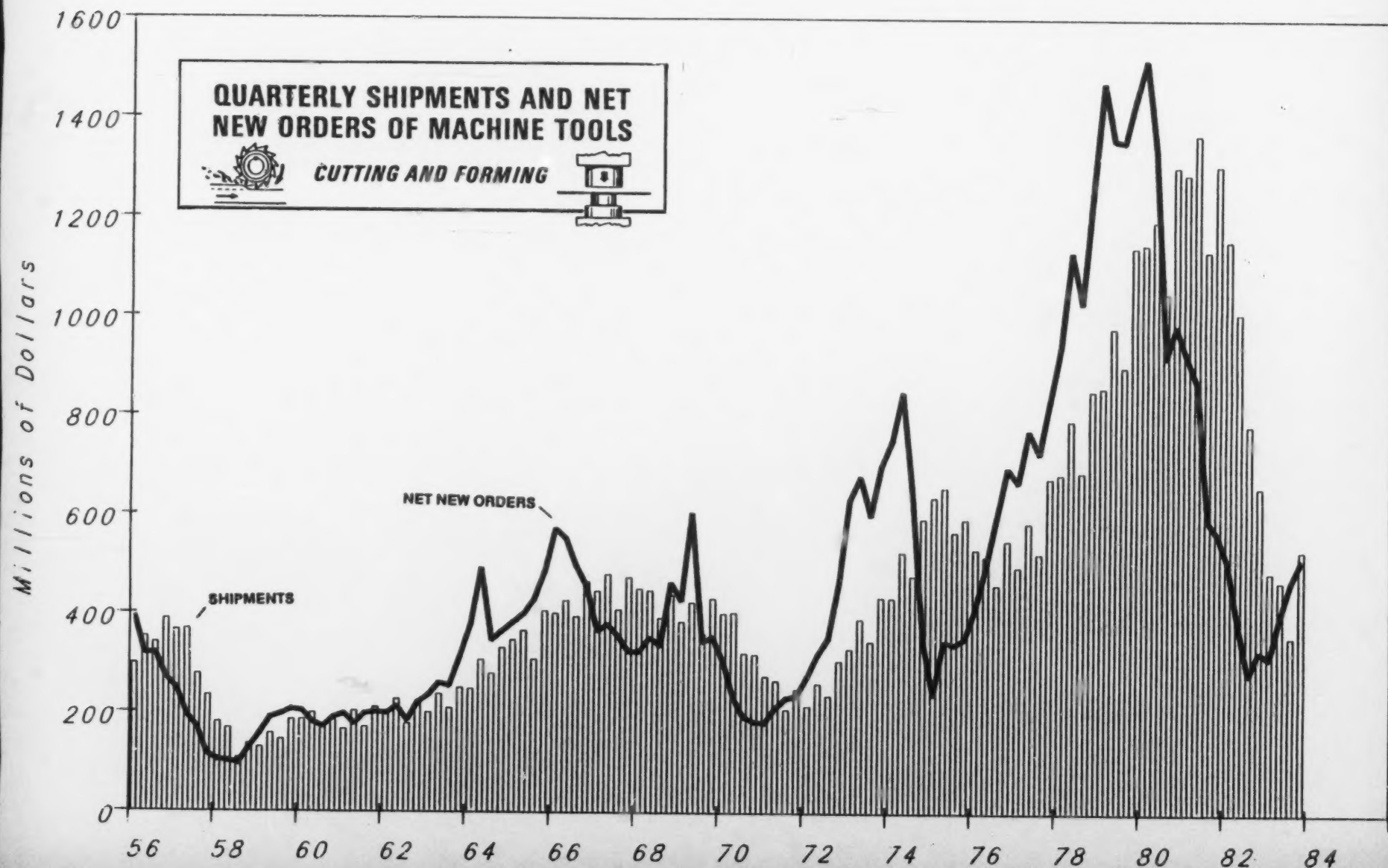
P - Preliminary

NOTE: These data series are available back to 1956. To obtain a copy of the tables for 1956 through 1982, contact:

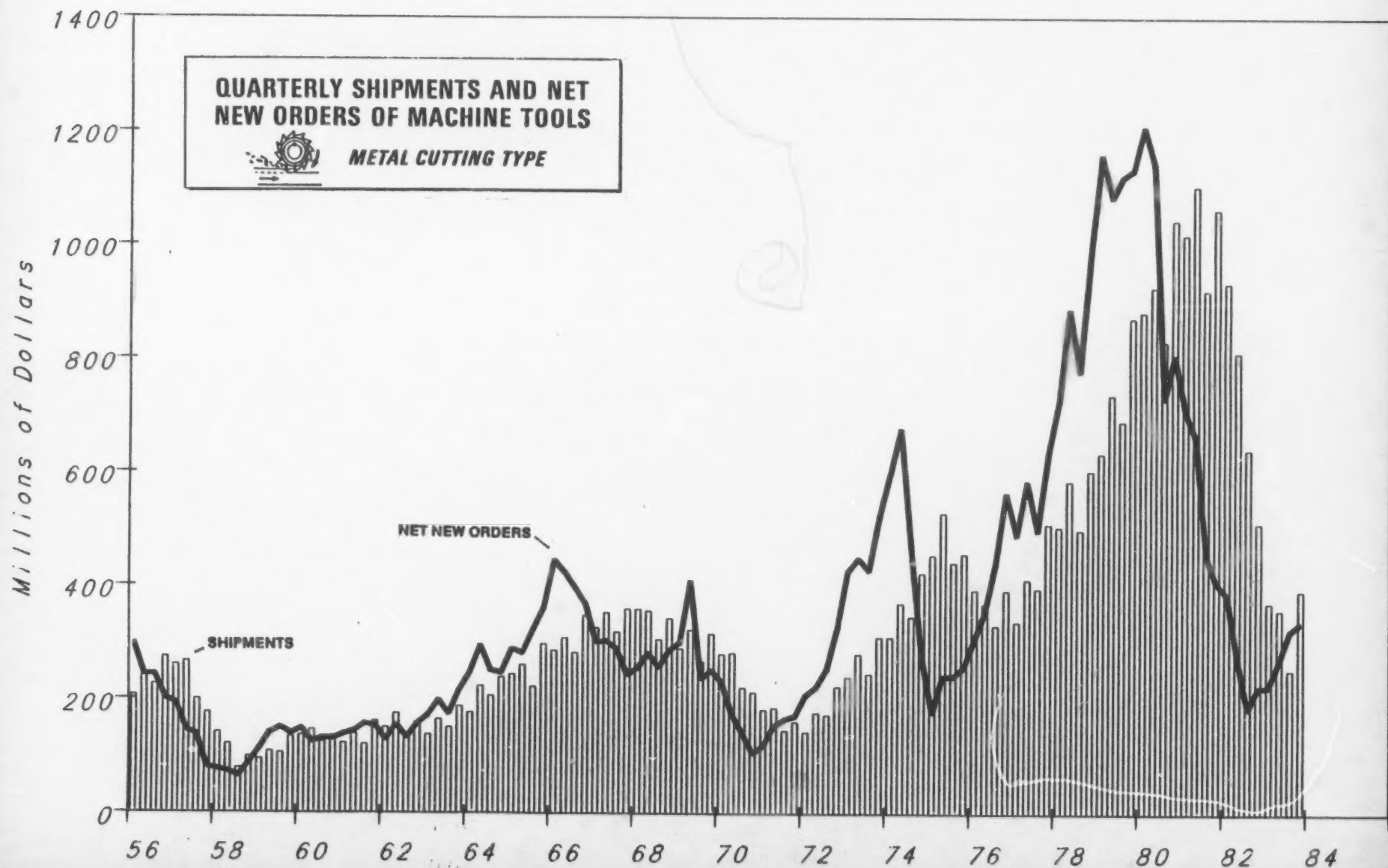
NMTBA Statistical Department, 7901 Westpark Drive, McLean, Virginia 22102. Phone: 703/893-2900
Source: National Machine Tool Builders' Association

January 30, 1984

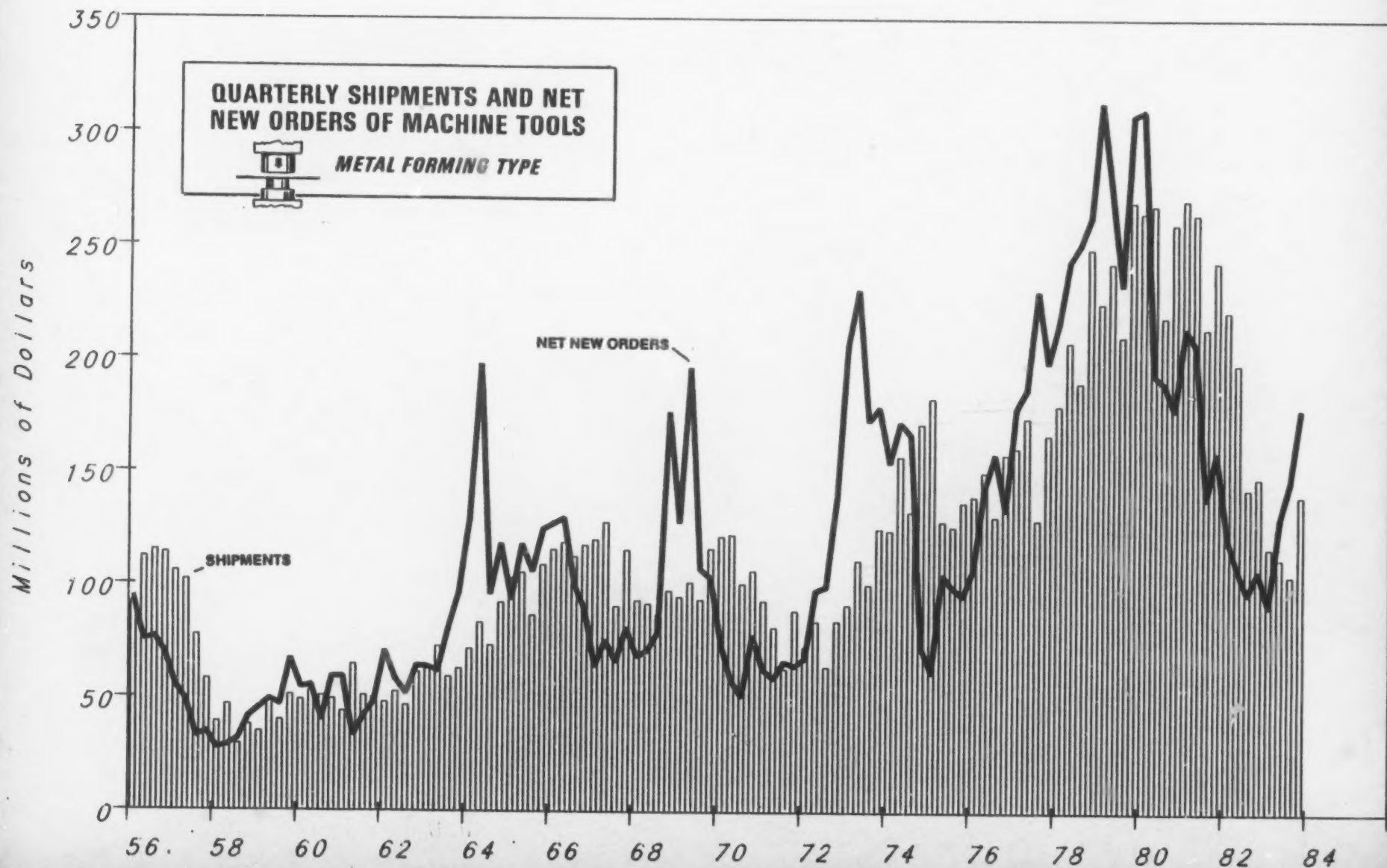
*Total Machine Tool
Shipments (Bar) and Net New Orders (Line)
Quarterly, 1956:1 to 1983:4*

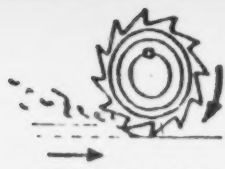


*Metal Cutting Machine Tool
Shipments (Bar) and Net New Orders (Line)
Quarterly, 1956:1 to 1983:4*



*Metal Forming Machine Tool
Shipments (Bar) and Net New Orders (Line)
Quarterly, 1956:1 to 1983:4*





CUTTING

TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog



A8050-1

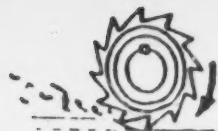
DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan.	\$ 80,300,000	\$ 11,550,000	\$ 91,850,000	1,132.60	\$ 131,450,000	\$ 21,400,000	\$ 152,850,000
Feb.	\$ 88,250,000	\$ 9,250,000	\$ 97,500,000	1,071.75	\$ 143,250,000	\$ 15,100,000	\$ 158,350,000
Mar.	\$ 117,000,000	\$ 8,500,000	\$ 125,500,000	1,021.00	\$ 156,100,000	\$ 20,150,000	\$ 176,250,000
Apr.	\$ 111,050,000	\$ 7,500,000	\$ 118,550,000	988.75	\$ 135,550,000	\$ 15,250,000	\$ 150,800,000
May	\$ 126,100,000	\$ 9,200,000	\$ 135,300,000	988.20	\$ 123,650,000	\$ 12,200,000	\$ 135,850,000
June	\$ 129,550,000	\$ 15,700,000	\$ 145,250,000	950.45	\$ 152,150,000	\$ 30,850,000	\$ 183,000,000
July	\$ 166,650,000	\$ 8,450,000	\$ 175,100,000	1,013.20	\$ 93,850,000	\$ 18,500,000	\$ 112,350,000
Aug.	\$ 124,650,000	\$ 12,600,000	\$ 137,250,000	1,037.45	\$ 101,650,000	\$ 11,350,000	\$ 113,000,000
Sept.	\$ 148,150,000	\$ 7,650,000	\$ 155,800,000	1,061.55	\$ 118,650,000	\$ 13,050,000	\$ 131,700,000
Oct.	\$ 185,550,000	\$ 17,000,000	\$ 202,550,000	1,118.70	\$ 134,000,000	\$ 11,400,000	\$ 145,400,000
Nov.	\$ 148,500,000	\$ 11,750,000	\$ 160,250,000	1,131.25	\$ 133,250,000	\$ 14,450,000	\$ 147,700,000
Dec.	\$ 132,450,000	\$ 18,800,000	\$ 151,250,000	1,044.70	\$ 206,500,000	\$ 31,300,000	\$ 237,800,000
12 Mos.	\$1,558,200,000	\$ 137,950,000	\$1,696,150,000		\$1,630,050,000	\$ 215,000,000	\$1,845,050,000

DATE	GROSS NEW ORDERS			CANCELLATIONS		
	Domestic	Foreign	Total	Domestic	Foreign	Total
1983						
Jan.	\$ 93,450,000	\$ 12,500,000	\$ 105,950,000	\$ 13,150,000	\$ 950,000	\$ 14,100,000
Feb.	\$ 98,600,000	\$ 9,900,000	\$ 108,500,000	\$ 10,350,000	\$ 650,000	\$ 11,000,000
Mar.	\$ 128,400,000	\$ 10,200,000	\$ 138,600,000	\$ 11,400,000	\$ 1,700,000	\$ 13,100,000
Apr.	\$ 128,250,000	\$ 9,250,000	\$ 137,500,000	\$ 17,200,000	\$ 1,750,000	\$ 18,950,000
May	\$ 133,100,000	\$ 10,250,000	\$ 143,350,000	\$ 7,000,000	\$ 1,050,000	\$ 8,050,000
June	\$ 186,950,000	\$ 16,450,000	\$ 203,400,000	\$ 57,400,000	\$ 750,000	\$ 58,150,000
July	\$ 171,850,000	\$ 9,300,000	\$ 181,150,000	\$ 5,200,000	\$ 850,000	\$ 6,050,000
Aug.	\$ 140,800,000	\$ 13,200,000	\$ 154,000,000	\$ 16,150,000	\$ 600,000	\$ 16,750,000
Sept.	\$ 163,950,000	\$ 8,600,000	\$ 172,550,000	\$ 15,800,000	\$ 950,000	\$ 16,750,000
Oct.	\$ 194,800,000	\$ 17,850,000	\$ 212,650,000	\$ 9,250,000	\$ 850,000	\$ 10,100,000
Nov.	\$ 154,650,000	\$ 12,000,000	\$ 166,650,000	\$ 6,150,000	\$ 250,000	\$ 6,400,000
Dec.	\$ 144,400,000	\$ 21,000,000	\$ 165,400,000	\$ 11,950,000	\$ 2,200,000	\$ 14,150,000
12 Mos.	\$1,739,200,000	\$ 150,500,000	\$1,889,700,000	\$ 181,000,000	\$ 12,550,000	\$ 193,550,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
 New Orders, Cancellations, Shipments and Backlog

CUTTING

DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan.	\$ 51,350,000	\$ 5,700,000	\$ 57,050,000	992.65	\$ 93,400,000	\$ 14,000,000	\$ 107,400,000
Feb.	\$ 69,550,000	\$ 7,850,000	\$ 77,400,000	941.25	\$ 116,700,000	\$ 12,100,000	\$ 128,800,000
Mar.	\$ 84,950,000	\$ 4,700,000	\$ 89,650,000	896.50	\$ 119,700,000	\$ 14,700,000	\$ 134,400,000
Apr.	\$ 73,650,000	\$ 5,600,000	\$ 79,250,000	862.80	\$ 100,550,000	\$ 12,400,000	\$ 112,950,000
May	\$ 88,200,000	\$ 5,400,000	\$ 93,600,000	857.60	\$ 88,600,000	\$ 10,200,000	\$ 98,800,000
June	\$ 88,450,000	\$ 8,000,000	\$ 96,450,000	808.30	\$ 119,050,000	\$ 26,700,000	\$ 145,750,000
July	\$ 124,650,000	\$ 4,100,000	\$ 128,750,000	861.65	\$ 61,900,000	\$ 13,500,000	\$ 75,400,000
Aug.	\$ 82,650,000	\$ 8,350,000	\$ 91,000,000	869.80	\$ 72,750,000	\$ 10,100,000	\$ 82,850,000
Sept.	\$ 98,600,000	\$ 3,850,000	\$ 102,450,000	878.15	\$ 85,500,000	\$ 8,600,000	\$ 94,100,000
Oct.	\$ 115,600,000	\$ 13,850,000	\$ 129,450,000	905.55	\$ 93,150,000	\$ 8,900,000	\$ 102,050,000
Nov.	\$ 107,650,000	\$ 7,700,000	\$ 115,350,000	913.65	\$ 96,150,000	\$ 11,100,000	\$ 107,250,000
Dec.	\$ 84,150,000	\$ 7,100,000	\$ 91,250,000	823.15	\$ 152,150,000	\$ 29,600,000	\$ 181,750,000
12 Mos.	\$1,069,450,000	\$ 82,200,000	\$1,151,650,000		\$1,199,600,000	\$171,900,000	\$1,371,500,000

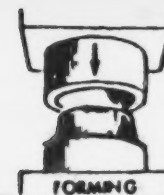
DATE	GROSS NEW ORDERS			CANCELLATIONS		
	Domestic	Foreign	Total	Domestic	Foreign	Total
1983						
Jan.	\$ 62,750,000	\$ 6,050,000	\$ 68,800,000	\$ 11,400,000	\$ 350,000	\$ 11,750,000
Feb.	\$ 78,300,000	\$ 8,450,000	\$ 86,750,000	\$ 8,750,000	\$ 600,000	\$ 9,350,000
Mar.	\$ 95,900,000	\$ 6,350,000	\$ 102,250,000	\$ 10,950,000	\$ 1,650,000	\$ 12,600,000
Apr.	\$ 88,200,000	\$ 7,300,000	\$ 95,500,000	\$ 14,550,000	\$ 1,700,000	\$ 16,250,000
May	\$ 94,750,000	\$ 6,000,000	\$ 100,750,000	\$ 6,550,000	\$ 600,000	\$ 7,150,000
June	\$ 145,800,000	\$ 8,600,000	\$ 154,400,000	\$ 57,350,000	\$ 600,000	\$ 57,950,000
July	\$ 129,350,000	\$ 4,900,000	\$ 134,250,000	\$ 4,700,000	\$ 800,000	\$ 5,500,000
Aug.	\$ 98,000,000	\$ 8,650,000	\$ 106,650,000	\$ 15,350,000	\$ 300,000	\$ 15,650,000
Sept.	\$ 111,400,000	\$ 4,750,000	\$ 116,150,000	\$ 12,800,000	\$ 900,000	\$ 13,700,000
Oct.	\$ 123,650,000	\$ 14,450,000	\$ 138,100,000	\$ 8,050,000	\$ 600,000	\$ 8,650,000
Nov.	\$ 112,550,000	\$ 7,800,000	\$ 120,350,000	\$ 4,900,000	\$ 100,000	\$ 5,000,000
Dec.	\$ 95,350,000	\$ 9,100,000	\$ 104,450,000	\$ 11,200,000	\$ 2,000,000	\$ 13,200,000
12 Mos.	\$1,236,000,000	\$ 92,400,000	\$1,328,400,000	\$ 166,550,000	\$ 10,200,000	\$ 176,750,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog



DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan.	\$ 28,950,000	\$ 5,850,000	\$ 34,800,000	139.95	\$ 38,050,000	\$ 7,400,000	\$ 45,450,000
Feb.	\$ 18,700,000	\$ 1,400,000	\$ 20,100,000	130.50	\$ 26,550,000	\$ 3,000,000	\$ 29,550,000
Mar.	\$ 32,050,000	\$ 3,800,000	\$ 35,850,000	124.50	\$ 36,400,000	\$ 5,450,000	\$ 41,850,000
Apr.	\$ 37,400,000	\$ 1,900,000	\$ 39,300,000	125.95	\$ 35,000,000	\$ 2,850,000	\$ 37,850,000
May	\$ 37,900,000	\$ 3,800,000	\$ 41,700,000	130.60	\$ 35,050,000	\$ 2,000,000	\$ 37,050,000
June	\$ 41,100,000	\$ 7,700,000	\$ 48,800,000	142.15	\$ 33,100,000	\$ 4,150,000	\$ 37,250,000
July	\$ 42,000,000	\$ 4,350,000	\$ 46,350,000	151.55	\$ 31,950,000	\$ 5,000,000	\$ 36,950,000
Aug.	\$ 42,000,000	\$ 4,250,000	\$ 46,250,000	167.65	\$ 28,900,000	\$ 1,250,000	\$ 30,150,000
Sept.	\$ 49,550,000	\$ 3,800,000	\$ 53,350,000	183.40	\$ 33,150,000	\$ 4,450,000	\$ 37,600,000
Oct.	\$ 69,950,000	\$ 3,150,000	\$ 73,100,000	213.15	\$ 40,850,000	\$ 2,500,000	\$ 43,350,000
Nov.	\$ 40,850,000	\$ 4,050,000	\$ 44,900,000	217.60	\$ 37,100,000	\$ 3,350,000	\$ 40,450,000
Dec.	\$ 48,300,000	\$ 11,700,000	\$ 60,000,000	221.55	\$ 54,350,000	\$ 1,700,000	\$ 56,050,000
12 Mos.	\$ 488,750,000	\$ 55,750,000	\$ 544,500,000		\$ 430,450,000	\$ 43,100,000	\$ 473,550,000

DATE	GROSS NEW ORDERS				CANCELLATIONS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1983							
Jan.	\$ 30,700,000	\$ 6,450,000	\$ 37,150,000		\$ 1,750,000	\$ 600,000	\$ 2,350,000
Feb.	\$ 20,300,000	\$ 1,450,000	\$ 21,750,000		\$ 1,600,000	\$ 50,000	\$ 1,650,000
Mar.	\$ 32,500,000	\$ 3,850,000	\$ 36,350,000		\$ 450,000	\$ 50,000	\$ 500,000
Apr.	\$ 40,050,000	\$ 1,950,000	\$ 42,000,000		\$ 2,650,000	\$ 50,000	\$ 2,700,000
May	\$ 38,350,000	\$ 4,250,000	\$ 42,600,000		\$ 450,000	\$ 450,000	\$ 900,000
June	\$ 41,150,000	\$ 7,850,000	\$ 49,000,000		\$ 50,000	\$ 150,000	\$ 200,000
July	\$ 42,500,000	\$ 4,400,000	\$ 46,900,000		\$ 500,000	\$ 50,000	\$ 550,000
Aug.	\$ 42,800,000	\$ 4,550,000	\$ 47,350,000		\$ 800,000	\$ 300,000	\$ 1,100,000
Sept.	\$ 52,550,000	\$ 3,850,000	\$ 56,400,000		\$ 3,000,000	\$ 50,000	\$ 3,050,000
Oct.	\$ 71,150,000	\$ 3,400,000	\$ 74,550,000		\$ 1,200,000	\$ 250,000	\$ 1,450,000
Nov.	\$ 42,100,000	\$ 4,200,000	\$ 46,300,000		\$ 1,250,000	\$ 150,000	\$ 1,400,000
Dec.	\$ 49,050,000	\$ 11,900,000	\$ 60,950,000		\$ 750,000	\$ 200,000	\$ 950,000
12 Mos.	\$ 503,200,000	\$ 58,100,000	\$ 561,300,000		\$ 14,450,000	\$ 2,350,000	\$ 16,800,000

P - Preliminary

N.M.T.B.A. P - 1d

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

3/2/84

A8050-1

February 21, 1984

press release

FOR RELEASE A.M. MONDAY, FEBRUARY 27, 1984

The recovery in American machine tool orders continued during the month of January when they rose 26% above December's level, to reach a total value of \$190,950,000. This order total was slightly more than double the machine tool order rate a year ago when January orders were only \$91,850,000. The data was reported by the National Machine Tool Builders' Association in McLean, Virginia.

Even with January's substantial rise, however, machine tool orders are still 60% below their level just four years ago. In early 1980 machine tool orders were averaging about \$500,000,000 per month.

January machine tool shipments, reflecting the very low order rates during early 1983, declined 53% from their December rate to a total value of only \$112,000,000. Also, compared to last year, January 1984 shipments were down 27%.

"It is very encouraging to see the continued recovery in orders." said James A. Gray,

-over-

Contact:

Charles Pollock



**national
machine
tool builders'
association**

7901 WESTPARK DRIVE
MCLEAN, VIRGINIA 22102
AREA CODE (703) 893-2900
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President of the Association. "However, as the shipments data dramatically shows, the machine tool industry's problems are a long way from over.

"With imported machine tools supplying more than 36% of the market; with shipments at rock bottom; with workforces that are facing long-term layoffs; the recovery of America's machine tool industry will be slow -- and for many, painful." Gray added. "A breathing spell from the tidal wave of imports is, I think, absolutely imperative to keep this vital defense industry's recovery from aborting." he added.

The National Machine Tool Builders' Association has petitioned President Reagan to provide a reduction in machine tool imports to their early 1978 level, for a brief period of five years, to protect America's national security by allowing the industry to fully recover from the damage done by subsidized import targeting of the American machine tool market and from the recession.

During January, orders for metal-cutting type machine tools rose 48% to a level of \$135,050,000 while metal-forming machine tool orders declined 7% from their December total to a value of \$55,900,000. Compared to a year ago, metal-cutting machine orders were up 137%, while metal-forming machine orders were 61% higher.

Shipments of metal-cutting machines fell 61% during January, to a value of \$71,600,000. Metal-forming machine tool shipments were off 28% to a value of \$40,400,000.

The industry's backlog rose about \$100,000,000 during the month, to a value of \$1.124 billion.

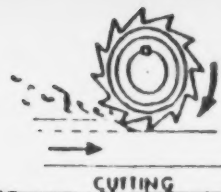
COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS (Thousands of Dollars)

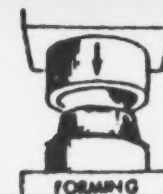
	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
Jan. 1984	124,050	11,000	135,050	53,050	2,850	55,900	177,100	13,850	190,950
Dec. 1983	84,150	7,100	91,250	48,300	11,700	60,000	132,450	18,800	151,250
% Change									
Jan.1984:Dec.1983	+47.4	+54.9	+48.0	+9.8	-75.6	-6.8	+33.7	-26.3	+26.2
Jan. 1983	51,350	5,700	57,050	28,950	5,850	34,800	80,300	11,550	91,850
% Change									
Jan. 1984:Jan. 1983	+141.6	+93.0	+136.7	+83.2	-51.3	+60.6	+120.5	+19.9	+107.9
Year To Date 1984									
Year To Date 1983		N/A			N/A			N/A	
% Change									
1984 : 1983									

SHIPMENTS -- MACHINE TOOLS (Thousands of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
Jan. 1984	64,400	7,200	71,600	35,550	4,850	40,400	99,950	12,050	112,000
Dec. 1983	152,150	29,600	181,750	54,350	1,700	56,050	206,500	31,300	237,800
% Change									
Jan.1984:Dec.1983	-57.7	-75.7	-60.6	-34.6	+185.3	-27.9	-51.6	-61.5	-52.9
Jan. 1983	93,400	14,000	107,400	38,050	7,400	45,450	131,450	21,400	152,850
% Change									
Jan. 1984:Jan. 1983	-31.0	-48.6	-33.3	-6.6	-34.5	-11.1	-24.0	-43.7	-26.7
Year To Date 1984									
Year To Date 1983		N/A			N/A			N/A	
% Change									
1984 : 1983									



TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog



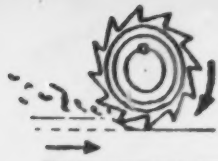
DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1984							
Jan. (p)	\$ 177,100,000	\$ 13,850,000	\$ 190,950,000	1,123.65	\$ 99,950,000	\$ 12,050,000	\$ 112,000,000

DATE	GROSS NEW ORDERS			CANCELLATIONS		
	Domestic	Foreign	Total	Domestic	Foreign	Total
1984						
Jan. (p)	\$ 185,450,000	\$ 14,600,000	\$ 200,050,000	\$ 8,350,000	\$ 750,000	\$ 9,100,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
<u>1984</u>							
Jan. (p)	\$ 124,050,000	\$ 11,000,000	\$ 135,050,000	886.60	\$ 64,400,000	\$ 7,200,000	\$ 71,600,000

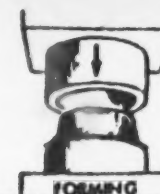
DATE	GROSS NEW ORDERS				CANCELLATIONS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
<u>1984</u>							
Jan. (p)	\$ 129,100,000	\$ 11,050,000	\$ 140,150,000		\$ 5,050,000	\$ 50,000	\$ 5,100,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog



DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1984							
Jan. (p)	\$ 53,050,000	\$ 2,850,000	\$ 55,900,000	237.05	\$ 35,550,000	\$ 4,850,000	\$ 40,400,000

DATE	GROSS NEW ORDERS				CANCELLATIONS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1984							
Jan. (p)	\$ 56,350,000	\$ 3,550,000	\$ 59,900,000		\$ 3,300,000	\$ 700,000	\$ 4,000,000

P - Preliminary

N.M.T.B.A. P - 1d

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

March 20, 1984

press release

FOR RELEASE A.M. MONDAY, MARCH 26, 1984

Net new orders for American machine tools rose seven percent in February, to a value of \$202,250,000, continuing the upward trend which began last year. Shipments were up 30% compared to January, totalling \$147,200,000. Data was released today by the National Machine Tool Builders' Association in McLean, Virginia.

Compared to February of last year, industry orders were up 107%, while shipments were off 7%. The year-to-year order increase reflects an early stage recovery from a very low base, according to the trade group.

"It is very gratifying to see orders continue to increase from last year's levels," said Association President, James A. Gray, "but don't forget this follows ten quarters of decline. In other words, our industry is still a long way from a true recovery. Shipments, the source of our cash flow, are actually below last year's rock bottom levels. And in real terms, the machine tool industry is in about the same shape as it was during the Depression," Gray said.

-over-

Contact:

Charles Pollock

 **national
machine
tool builders'
association**

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"The lengthy decline in orders and shipments caused a number of companies to leave the industry. In 1982 the Census Bureau reported that the industry was comprised of about 590 companies. In the fourth quarter of 1983, that number was 436," Gray continued.

Referring to the Association's petition filed last March under the National Security Clause and now awaiting imminent White House action Gray added, "The stability of our Nation's industrial base is squarely in the hands of the President of the United States. His decision will determine whether or not we will have adequate machine tool capacity in this country."

The petition, filed on the industry's behalf under Section 232 of the Trade Expansion Act of 1962, demonstrates that current import levels imperil national security and goes on to request that President Reagan limit machine tool imports to 17.5% of domestic consumption for a period of five years.

In February, orders for metal-cutting machine tools declined less than one percent to a level of \$132,550,000, while orders for metal-forming machine tools rose 25%, to a level of \$69,700,000. Compared to February of a year ago, metal-cutting machine orders were up 71%, while metal-forming machine orders increased 247%.

Shipments of metal-cutting machines rose 42% during January to a value of \$103,250,000. Metal-forming machine tool shipments were up 9%, to a value of \$43,950,000.

The industry's backlog increased a modest \$50 million during the month, to a value of \$1.176 billion.

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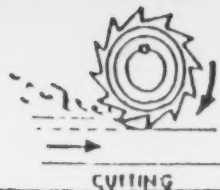
COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS (Thousands of Dollars)

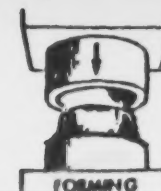
	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
Feb. 1984	120,550	12,000	132,550	65,900	3,800	69,700	186,450	15,800	202,250
Jan. 1984	122,500	10,700	133,200	53,050	2,850	55,900	175,550	13,550	189,100
% Change									
Feb.1984:Jan.1984	-1.6	+12.1	-0.5	+24.2	+33.3	+24.7	+6.2	+16.6	+7.0
Feb. 1983	69,550	7,850	77,400	18,700	1,400	20,100	88,250	9,250	97,500
% Change									
Feb. 1984:Feb. 1983	+73.3	+52.9	+71.3	+252.4	+171.4	+246.8	+111.3	+70.8	+107.4
Year To Date 1984	243,050	22,700	265,750	118,950	6,650	125,600	362,000	29,350	391,350
Year To Date 1983	120,900	13,550	134,450	47,650	7,250	54,900	168,550	20,800	189,350
% Change									
1984 : 1983	+101.0	+67.5	+97.7	+149.6	-8.3	+128.8	+114.8	+41.1	+106.7

SHIPMENTS -- MACHINE TOOLS (Thousands of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
Feb. 1984	95,200	8,050	103,250	40,350	3,600	43,950	135,550	11,650	147,200
Jan. 1984	65,350	7,200	72,550	35,550	4,850	40,400	100,900	12,050	112,950
% Change									
Feb.1984:Jan.1984	+45.7	+11.8	+42.3	+13.5	-25.8	+8.8	+34.3	-3.3	+30.3
Feb. 1983	116,700	12,100	128,800	26,550	3,000	29,550	143,250	15,100	158,350
% Change									
Feb. 1984:Feb. 1983	-18.4	-33.5	-19.8	+52.0	+20.0	+48.7	-5.4	-22.8	-7.0
Year To Date 1984	160,550	15,250	175,800	75,900	8,450	84,350	236,450	23,700	260,150
Year To Date 1983	210,100	26,100	236,200	64,600	10,400	75,000	274,700	36,500	311,200
% Change									
1984 : 1983	-23.6	-41.6	-25.6	+17.5	-18.8	+12.5	-13.9	-35.1	-16.4



TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog



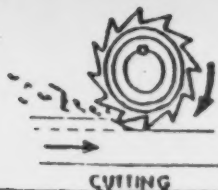
DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1984							
Jan.	\$ 175,550,000	\$ 13,550,000	\$ 189,100,000	1,120.85	\$ 100,900,000	\$ 12,050,000	\$ 112,950,000
Feb. (p)	\$ 186,450,000	\$ 15,800,000	\$ 202,250,000	1,175.90	\$ 135,550,000	\$ 11,650,000	\$ 147,200,000
2 Mos.	\$ 362,000,000	\$ 29,350,000	\$ 391,350,000		\$ 236,450,000	\$ 23,700,000	\$ 260,150,000

DATE	GROSS NEW ORDERS			CANCELLATIONS		
	Domestic	Foreign	Total	Domestic	Foreign	Total
1984						
Jan.	\$ 183,900,000	\$ 14,300,000	\$ 198,200,000	\$ 8,350,000	\$ 750,000	\$ 9,100,000
Feb. (p)	\$ 195,800,000	\$ 17,450,000	\$ 213,250,000	\$ 9,350,000	\$ 1,650,000	\$ 11,000,000
2 Mos.	\$ 379,700,000	\$ 31,750,000	\$ 411,450,000	\$ 17,700,000	\$ 2,400,000	\$ 20,100,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
 New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
<u>1984</u>							
Jan.	\$ 122,500,000	\$ 10,700,000	\$ 133,200,000	883.80	\$ 65,350,000	\$ 7,200,000	\$ 72,550,000
Feb. (p)	\$ 120,550,000	\$ 12,000,000	\$ 132,550,000	913.10	\$ 95,200,000	\$ 8,050,000	\$ 103,250,000
2 Mos.	\$ 243,050,000	\$ 22,700,000	\$ 265,750,000		\$ 160,550,000	\$ 15,250,000	\$ 175,800,000

DATE	GROSS NEW ORDERS				CANCELLATIONS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
<u>1984</u>							
Jan.	\$ 127,550,000	\$ 10,750,000	\$ 138,300,000		\$ 5,050,000	\$ 50,000	\$ 5,100,000
Feb. (p)	\$ 129,450,000	\$ 13,000,000	\$ 142,450,000		\$ 8,900,000	\$ 1,000,000	\$ 9,900,000
2 Mos.	\$ 257,000,000	\$ 23,750,000	\$ 280,750,000		\$ 13,950,000	\$ 1,050,000	\$ 15,000,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog



DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1984							
Jan.	\$ 53,050,000	\$ 2,850,000	\$ 55,900,000	237.05	\$ 35,550,000	\$ 4,850,000	\$ 40,400,000
Feb. (p)	\$ 65,900,000	\$ 3,800,000	\$ 69,700,000	262.80	\$ 40,350,000	\$ 3,600,000	\$ 43,950,000
2 Mos.	\$ 118,950,000	\$ 6,650,000	\$ 125,600,000		\$ 75,900,000	\$ 8,450,000	\$ 84,350,000

DATE	GROSS NEW ORDERS				CANCELLATIONS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1984							
Jan.	\$ 56,350,000	\$ 3,550,000	\$ 59,900,000		\$ 3,300,000	\$ 700,000	\$ 4,000,000
Feb. (p)	\$ 66,350,000	\$ 4,450,000	\$ 70,800,000		\$ 450,000	\$ 650,000	\$ 1,100,000
2 Mos.	\$ 122,700,000	\$ 8,000,000	\$ 130,700,000		\$ 3,750,000	\$ 1,350,000	\$ 5,100,000

P - Preliminary

N.M.T.B.A. F - 1d

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

4/27/84
A8050-1A

April 24, 1984

press release

FOR RELEASE A.M. MONDAY, APRIL 30, 1984

Net new orders for U.S. machine tools rose by 3% in March, totalling \$208,450,000. Shipments for the month increased 29%, to a value of \$189,250,000, according to data released today by the National Machine Tool Builders' Association.

Orders for the first quarter, at \$600,450,000, were 91% above last year's first quarter totals, while shipments, at \$449,500,000, were off 8% compared to the first three months of 1983. "While the first quarter order total is a positive sign, the machine tool industry is still in dire straits," said Association President James A. Gray. "Shipments, which generate essential cash flow, are actually below last year's devastated levels." Gray noted that the March shipment increase represented a typical end of quarter surge.

Gray pointed out that imported machine tools continue to account for more than one-third of the American market, threatening the nation's deterrence posture.

-over-

Contact:

Charles Pollock



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TWX 710-831-0031 NMTBA MCLN

"Imports subsidized by foreign governments continue to ravage our defense-essential industry," Gray warned. The Association filed a petition under Section 232 of the trade laws in March of 1983. Secretary of Commerce Baldrige submitted his recommendation for action on the petition, now a classified document, to the White House on February 28th, but the President has not yet acted.

The petition, filed on the industry's behalf, demonstrates that current import levels imperil national security and urges that President Reagan limit machine tool imports to 17.5% of domestic consumption for a period of five years.

In March, orders for metal-cutting machine tools increased 10% to \$146,500,000. Shipments in the category rose 19% to \$122,500,000. For the first quarter, metal-cutting orders were up 84%, rising to \$412,750,000, while shipments, at \$298,100,000, were off 20% compared to the first quarter of last year.

Metal-forming machine tool orders dropped 11% in March, standing at \$61,950,000. A 51% shipments increase in the category pushed the total to \$66,750,000 for the month. Compared to first quarter totals a year ago, metal-forming orders at \$187,700,000, were up 107%. Shipments increased 30% to a total of \$151,400,000.

Industry order backlog increased by \$20 million in March, to a value of \$1.196 billion.

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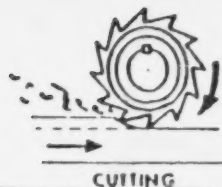
COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS (Thousands of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
Mar. 1984	131,900	14,600	146,500	56,750	5,200	61,950	188,650	19,800	208,450
Feb. 1984	121,700	11,350	133,050	66,000	3,850	69,850	187,700	15,200	202,900
% Change									
Mar.1984:Feb.1984	+8.4	+28.6	+10.1	-14.0	+35.1	-11.3	+0.5	+30.3	+2.7
Mar. 1983	84,950	4,700	89,650	32,050	3,800	35,850	117,000	8,500	125,500
% Change									
Mar. 1984:Mar. 1983	+55.3	+210.6	+63.4	+77.1	+36.8	+72.8	+61.2	+132.9	+66.1
Year To Date 1984	376,100	36,650	412,750	175,800	11,900	187,700	551,900	48,550	600,450
Year To Date 1983	205,850	18,250	224,100	79,700	11,050	90,750	285,550	29,300	314,850
% Change									
1984 : 1983	+82.7	+100.8	+84.2	+120.6	+7.7	+106.8	+93.3	+65.7	+90.7

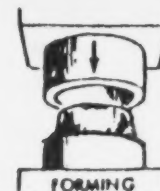
SHIPMENTS -- MACHINE TOOLS (Thousands of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
Mar. 1984	112,350	10,150	122,500	60,000	6,750	66,750	172,350	16,900	189,250
Feb. 1984	95,300	7,750	103,050	40,400	3,850	44,250	135,700	11,600	147,300
% Change									
Mar.1984:Feb.1984	+17.9	+31.0	+18.9	+48.5	+75.3	+50.8	+27.0	+45.7	+28.5
Mar. 1983	119,700	14,700	134,400	36,400	5,450	41,850	156,100	20,150	176,250
% Change									
Mar. 1984:Mar. 1983	-6.1	-31.0	-8.9	+64.8	+23.9	+59.5	+10.4	-16.1	+7.4
Year To Date 1984	273,000	25,100	298,100	135,950	15,450	151,400	408,950	40,550	449,500
Year To Date 1983	329,800	40,800	370,600	101,000	15,850	116,850	430,800	56,650	487,450
% Change									
1984 : 1983	-17.2	-38.5	-19.6	+34.6	-2.5	+29.6	-5.1	-28.4	-7.9



CUTTING

TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog



FORMING

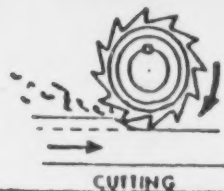
DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1984							
Jan.	\$ 175,550,000	\$ 13,550,000	\$ 189,100,000	1,120.85	\$ 100,900,000	\$ 12,050,000	\$ 112,950,000
Feb.	\$ 187,700,000	\$ 15,200,000	\$ 202,900,000	1,176.45	\$ 135,700,000	\$ 11,600,000	\$ 147,300,000
Mar. (p)	\$ 188,650,000	\$ 19,800,000	\$ 208,450,000	1,195.65	\$ 172,350,000	\$ 16,900,000	\$ 189,250,000
3 Mos.	\$ 551,900,000	\$ 48,550,000	\$ 600,450,000		\$ 408,950,000	\$ 40,550,000	\$ 449,500,000

DATE	GROSS NEW ORDERS			CANCELLATIONS		
	Domestic	Foreign	Total	Domestic	Foreign	Total
1984						
Jan.	\$ 183,900,000	\$ 14,300,000	\$ 198,200,000	\$ 8,350,000	\$ 750,000	\$ 9,100,000
Feb.	\$ 197,050,000	\$ 16,900,000	\$ 213,950,000	\$ 9,350,000	\$ 1,700,000	\$ 11,050,000
Mar. (p)	\$ 196,700,000	\$ 21,200,000	\$ 217,900,000	\$ 8,050,000	\$ 1,400,000	\$ 9,450,000
3 Mos.	\$ 577,650,000	\$ 52,400,000	\$ 630,050,000	\$ 25,750,000	\$ 3,850,000	\$ 29,600,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1984							
Jan.	\$ 122,500,000	\$ 10,700,000	\$ 133,200,000	883.80	\$ 65,350,000	\$ 7,200,000	\$ 72,550,000
Feb.	\$ 121,700,000	\$ 11,350,000	\$ 133,050,000	913.80	\$ 95,300,000	\$ 7,750,000	\$ 103,050,000
Mar. (p)	\$ 131,900,000	\$ 14,600,000	\$ 146,500,000	937.80	\$ 112,350,000	\$ 10,150,000	\$ 122,500,000
3 Mos.	\$ 376,100,000	\$ 36,650,000	\$ 412,750,000		\$ 273,000,000	\$ 25,100,000	\$ 298,100,000

DATE	GROSS NEW ORDERS				CANCELLATIONS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1984							
Jan.	\$ 127,550,000	\$ 10,750,000	\$ 138,300,000		\$ 5,050,000	\$ 50,000	\$ 5,100,000
Feb.	\$ 130,600,000	\$ 12,400,000	\$ 143,000,000		\$ 8,900,000	\$ 1,050,000	\$ 9,950,000
Mar. (p)	\$ 137,150,000	\$ 15,950,000	\$ 153,100,000		\$ 5,250,000	\$ 1,350,000	\$ 6,600,000
3 Mos.	\$ 395,300,000	\$ 39,100,000	\$ 434,400,000		\$ 19,200,000	\$ 2,450,000	\$ 21,650,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog



DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1984							
Jan.	\$ 53,050,000	\$ 2,850,000	\$ 55,900,000	237.05	\$ 35,550,000	\$ 4,850,000	\$ 40,400,000
Feb.	\$ 66,000,000	\$ 3,850,000	\$ 69,850,000	262.65	\$ 40,400,000	\$ 3,850,000	\$ 44,250,000
Mar. (p)	\$ 56,750,000	\$ 5,200,000	\$ 61,950,000	257.85	\$ 60,000,000	\$ 6,750,000	\$ 66,750,000
3 Mos.	\$ 175,800,000	\$ 11,900,000	\$ 187,700,000		\$ 135,950,000	\$ 15,450,000	\$ 151,400,000

DATE	GROSS NEW ORDERS				CANCELLATIONS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1984							
Jan.	\$ 56,350,000	\$ 3,550,000	\$ 59,900,000		\$ 3,300,000	\$ 700,000	\$ 4,000,000
Feb.	\$ 66,450,000	\$ 4,500,000	\$ 70,950,000		\$ 450,000	\$ 650,000	\$ 1,100,000
Mar. (p)	\$ 59,550,000	\$ 5,250,000	\$ 64,800,000		\$ 2,800,000	\$ 50,000	\$ 2,850,000
3 Mos.	\$ 182,350,000	\$ 13,300,000	\$ 195,650,000		\$ 6,550,000	\$ 1,400,000	\$ 7,950,000

P - Preliminary

N.M.T.B.A. F - 1d

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

QUARTERLY AND YEARLY SHIPMENTS AND NET NEW ORDERS OF MACHINE TOOLS
(DOLLAR FIGURES IN THOUSANDS)
1979 TO DATE

CUTTING AND FORMING				CUTTING			FORMING		
DATE	SHIPMENTS		NET NEW ORDERS	SHIPMENTS		NET NEW ORDERS	SHIPMENTS		NET NEW ORDERS
	Total	Foreign		Total	Foreign		Total	Foreign	
1979-1	\$ 858,050	\$ 88,300	\$1,471,400	\$ 633,450	\$ 69,000	\$1,150,250	\$ 224,600	\$ 19,300	\$ 313,150
2	978,200	109,150	1,356,450	735,750	87,650	1,083,550	242,450	21,500	272,900
3	899,850	97,050	1,353,200	689,850	78,500	1,120,500	210,000	18,550	232,700
4	<u>1,140,450</u>	<u>116,750</u>	<u>1,440,400</u>	<u>871,000</u>	<u>89,400</u>	<u>1,132,800</u>	<u>269,450</u>	<u>27,350</u>	<u>307,600</u>
Total	\$3,876,550	\$411,250	\$5,621,450	\$2,930,050	\$324,550	\$4,495,100	\$ 946,500	\$ 86,700	\$1,126,350
1980-1	\$1,146,150	\$115,700	\$1,517,450	\$ 881,400	\$ 86,750	\$1,207,800	\$ 264,750	\$ 28,950	\$ 309,650
2	1,193,300	155,550	1,335,350	925,350	122,850	1,142,100	267,950	32,700	193,250
3	1,049,050	133,850	917,500	830,450	102,650	728,300	218,600	31,200	189,200
4	<u>1,303,250</u>	<u>202,400</u>	<u>984,000</u>	<u>1,043,600</u>	<u>162,550</u>	<u>806,550</u>	<u>259,650</u>	<u>39,850</u>	<u>177,450</u>
Total	\$4,691,750	\$607,500	\$4,754,300	\$3,680,800	\$474,800	\$3,884,750	\$1,010,950	\$ 132,700	\$ 869,550
1981-1	\$1,288,200	\$210,800	\$ 920,350	\$1,017,850	\$155,600	\$ 706,600	\$ 270,350	\$ 55,200	\$ 213,750
2	1,367,500	236,350	867,000	1,103,400	185,450	661,200	264,100	50,900	205,800
3	1,133,950	127,950	593,450	920,300	99,950	455,250	213,650	28,000	138,200
4	<u>1,305,950</u>	<u>143,850</u>	<u>564,050</u>	<u>1,062,950</u>	<u>111,050</u>	<u>405,050</u>	<u>243,000</u>	<u>32,800</u>	<u>159,000</u>
Total	\$5,095,600	\$718,950	\$2,944,850	\$4,104,500	\$552,050	\$2,228,100	\$ 991,100	\$ 166,900	\$ 716,750
1982-1	\$1,154,200	\$112,650	\$ 506,800	\$ 933,050	\$ 71,750	\$ 384,850	\$ 221,150	\$ 40,900	\$ 121,950
2	1,008,450	96,600	382,650	810,650	75,350	274,750	197,800	21,250	107,900
3	783,400	107,200	279,950	640,450	89,750	183,450	142,950	17,450	96,500
4	<u>658,350</u>	<u>89,600</u>	<u>328,350</u>	<u>510,600</u>	<u>59,300</u>	<u>221,400</u>	<u>147,750</u>	<u>30,300</u>	<u>106,950</u>
Total	\$3,604,400	\$406,050	\$1,497,750	\$2,894,750	\$296,150	\$1,064,450	\$ 709,650	\$ 109,900	\$ 433,300
1983-1	\$ 487,450	\$ 56,650	\$ 314,850	\$ 370,600	\$ 40,800	\$ 224,100	\$ 116,850	\$ 15,850	\$ 90,750
2	469,650	58,300	399,100	357,500	49,300	269,300	112,150	9,000	129,800
3	357,050	42,900	468,150	252,350	32,200	322,200	104,700	10,700	145,950
4	<u>530,900</u>	<u>57,150</u>	<u>514,050</u>	<u>391,050</u>	<u>49,600</u>	<u>336,050</u>	<u>139,850</u>	<u>7,550</u>	<u>178,000</u>
Total	\$1,845,050	\$215,000	\$1,696,150	\$1,371,500	\$171,900	\$1,151,650	\$ 473,550	\$ 43,100	\$ 544,500
1984-1P	\$ 449,500	\$ 40,550	\$ 600,450	\$ 298,100	\$ 25,100	\$ 412,750	\$ 151,400	\$ 15,450	\$ 187,700

P - Preliminary

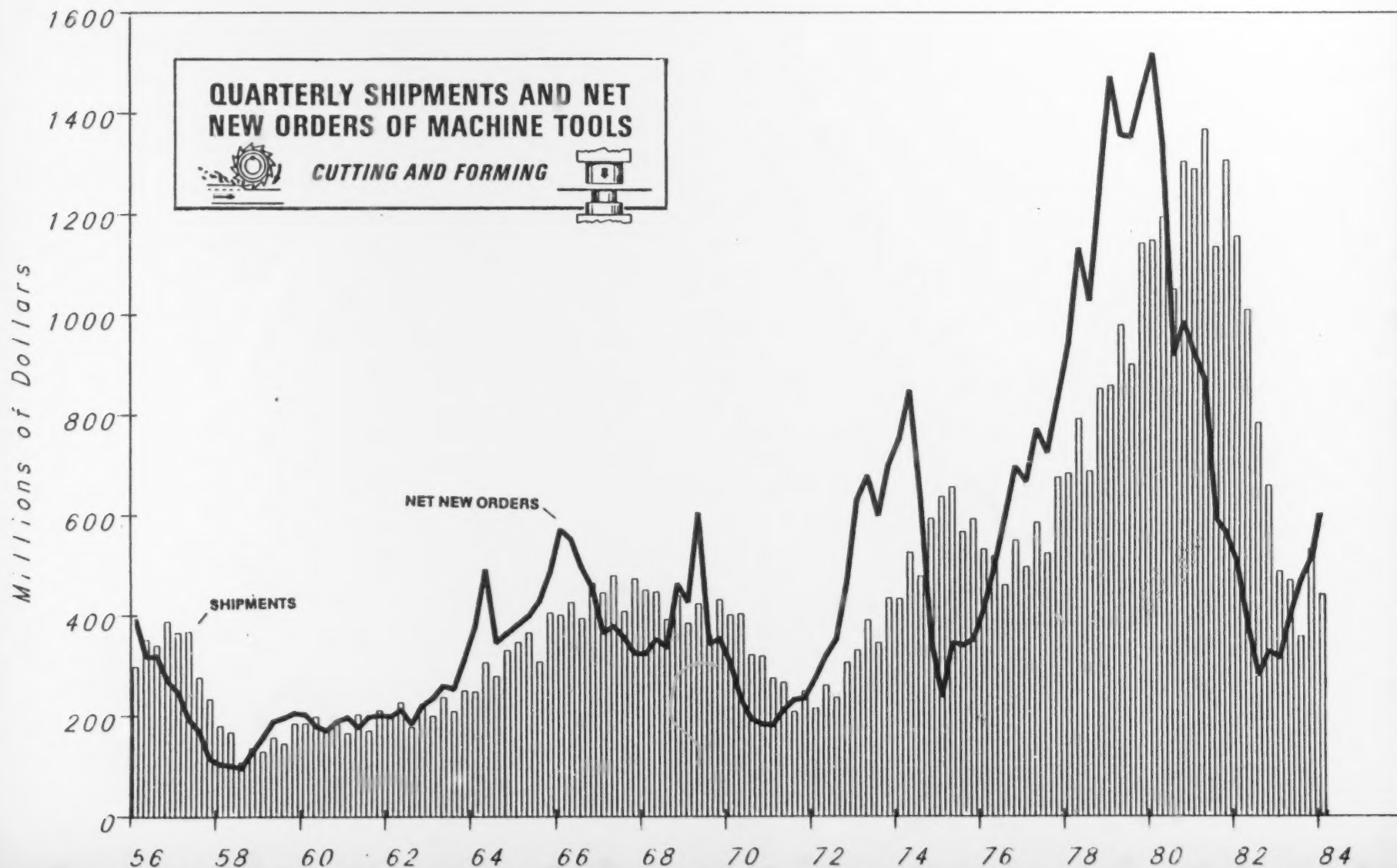
NOTE: These data series are available back to 1956. To obtain a copy of the tables for 1956 through 1983, contact:

NMTBA Statistical Department, 7901 Westpark Drive, McLean, Virginia 22102. Phone: 703/893-2500

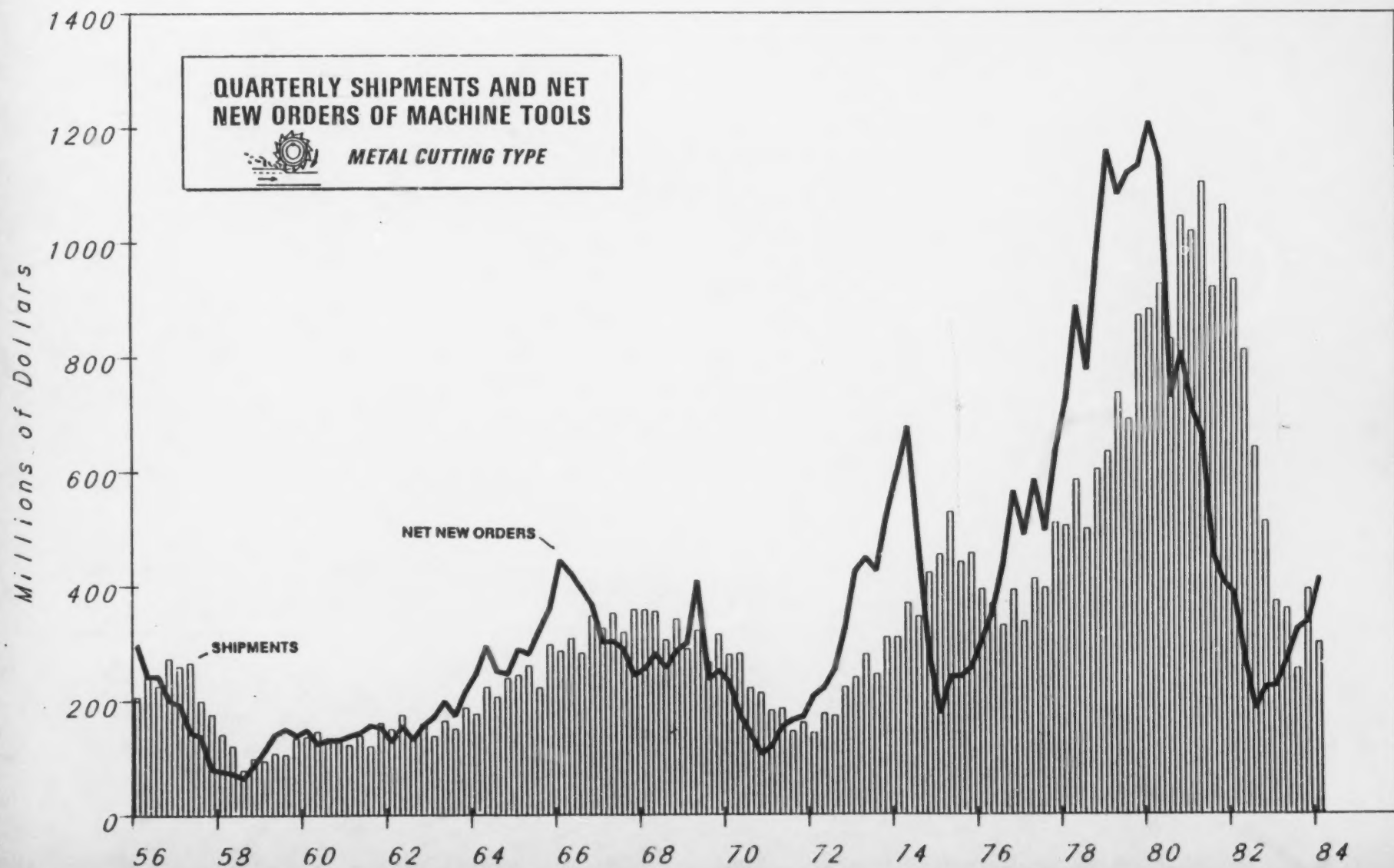
Source: National Machine Tool Builders' Association

April 30, 1984

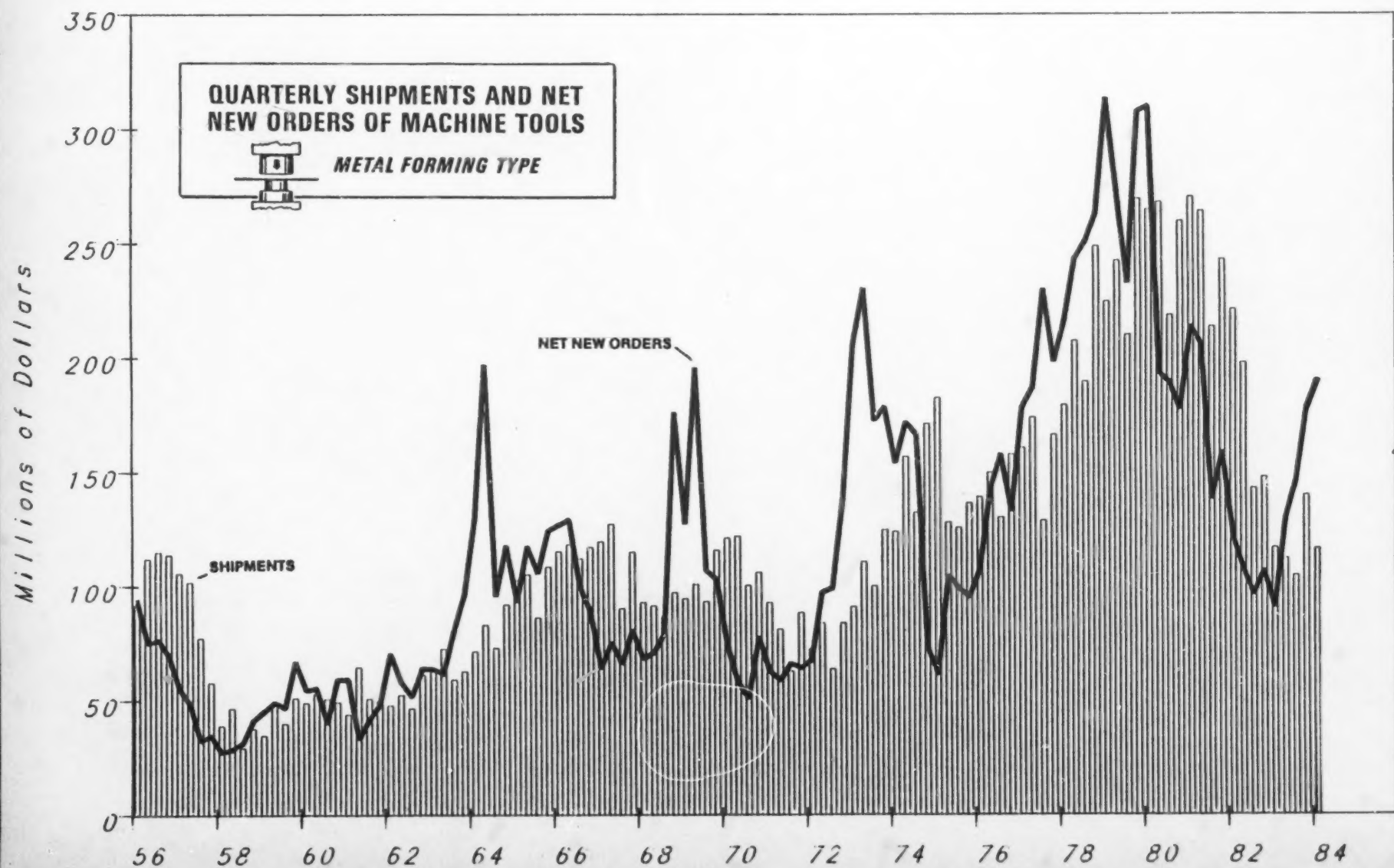
*Total Machine Tool
Shipments (Bar) and Net New Orders (Line)
Quarterly, 1956:1 to 1984:1*



*Metal Cutting Machine Tool
Shipments (Bar) and Net New Orders (Line)
Quarterly, 1956:1 to 1984:1*



*Metal Forming Machine Tool
Shipments (Bar) and Net New Orders (Line)
Quarterly, 1956:1 to 1984:1*



5/24/84
A8050-1A

May 22, 1984

FOR RELEASE A.M. MONDAY, MAY 28, 1984

press release

Contact:

Charles Pollock

U.S. machine tool orders rose 23% in April, totalling \$255,850,000. However, shipments, which are the industry's complete sales, declined 16% during the month, to \$158,850,000, according to data released today by the National Machine Tool Builders' Association. Compared to April 1983, orders were 116% higher but shipments have risen only 5%.

Association president James A. Gray warned that the continued shipment shortfall threatens to permanently damage the American industry.

"Even though orders are on the rise, they have only partially recovered from their lowest real levels in history," Gray said. "Because of the very long lead times required to make machine tools, many builders could be permanently crippled or put out of business before orders have risen to high enough levels for a long enough period to effect a substantial recovery in shipments.

"This recovery could be accelerated, and damage to the industry reduced, if the White House takes prompt and favorable action to reduce the level of imports that are threatening our



**national
machine
tool builders'
association**

7801 WESTRICK DRIVE
MELDEN VIRGINIA 22081
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TWA 710-821-0311 NM1BA MELN

defense-related industry," Gray stated.

Gray referred to the Association's 232 petition, which was filed with the Department of Commerce more than a year ago. Commerce Secretary Malcolm Baldrige made a recommendation for action, to the White House, on February 28th. To date, the President has not acted.

The petition, filed on the industry's behalf, demonstrates that current levels of imports threaten the nation's security and urges that President Reagan limit machine tool imports to 17.5% of domestic consumption for a period of five years. It has received broad bipartisan support from Congress -- much of it from Congressmen who normally oppose trade restrictions.

In April, orders for metal-cutting machine tools increased 25% to \$182,550,000. Shipments in the category declined 17% to \$101,600,000.

Metal-forming machine tool orders were up 18% in April, totalling \$73,300,000. However, shipments were off 14% at \$57,250,000.

Industry order backlog increased by \$97 million in April to a total of \$1.292 billion.

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NET NEW ORDERS -- MACHINE TOOLS

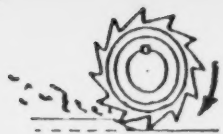
(Thousands of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
April 1984	138,450	44,100	182,550	65,900	7,400	73,300	204,350	51,500	255,850
March 1984	131,900	14,600	146,500	56,750	5,200	61,950	188,650	19,800	208,450
% Change									
Apr.1984:Mar.1984	+5.0	+202.1	+24.6	+16.1	+42.3	+18.3	+8.3	+160.1	+22.7
April 1983	73,650	5,600	79,250	37,400	1,900	39,300	111,050	7,500	118,550
% Change									
Apr. 1984:Apr. 1983	+88.0	+687.5	+130.3	+76.2	+289.5	+86.5	+84.0	+586.7	+115.8
Year To Date 1984	514,550	80,750	595,300	241,700	19,300	261,000	756,250	100,050	856,300
Year To Date 1983	279,500	23,850	303,350	117,100	12,950	130,050	396,600	36,800	433,400
% Change									
1984 : 1983	+84.1	+238.6	+96.2	+106.4	+49.0	+100.7	+90.7	+171.9	+97.6

SHIPMENTS -- MACHINE TOOLS

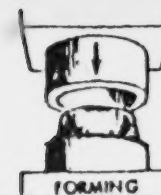
(Thousands of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
April 1984	92,800	8,800	101,600	52,300	4,950	57,250	145,100	13,750	158,850
March 1984	112,350	10,150	122,500	60,000	6,750	66,750	172,350	16,900	189,250
% Change									
Apr.1984:Mar.1984	-17.4	-13.3	-17.1	-12.8	-26.7	-14.2	-15.8	-18.6	-16.1
April 1983	100,550	12,400	112,950	35,000	2,850	37,850	135,550	15,250	150,800
% Change									
Apr. 1984:Apr. 1983	-7.7	-29.0	-10.0	+49.4	+73.7	+51.3	+7.0	-9.8	+5.3
Year To Date 1984	365,800	33,900	399,700	188,250	20,400	208,650	554,050	54,300	608,350
Year To Date 1983	430,350	53,200	483,550	136,000	18,700	154,700	566,350	71,900	638,250
% Change									
1984 : 1983	-15.0	-36.3	-17.3	+38.4	+9.1	+34.9	-2.2	-24.5	-4.7



CUTTING

TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog



FORMING

DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1984							
Jan.	\$ 175,550,000	\$ 13,550,000	\$ 189,100,000	1,120.85	\$ 100,900,000	\$ 12,050,000	\$ 112,950,000
Feb.	\$ 187,700,000	\$ 15,200,000	\$ 202,900,000	1,176.45	\$ 135,700,000	\$ 11,600,000	\$ 147,300,000
Mar.	\$ 188,650,000	\$ 19,800,000	\$ 208,450,000	1,195.65	\$ 172,350,000	\$ 16,900,000	\$ 189,250,000
Apr. (p)	\$ 204,350,000	\$ 51,500,000	\$ 255,850,000	1,292.65	\$ 145,100,000	\$ 13,750,000	\$ 158,850,000
4 Mos.	\$ 756,250,000	\$ 100,050,000	\$ 856,300,000		\$ 554,050,000	\$ 54,300,000	\$ 608,350,000

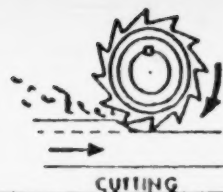
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DATE	GROSS NEW ORDERS				CANCELLATIONS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1984							
Jan.	\$ 183,900,000	\$ 14,300,000	\$ 198,200,000		\$ 8,350,000	\$ 750,000	\$ 9,100,000
Feb.	\$ 197,050,000	\$ 16,900,000	\$ 213,950,000		\$ 9,350,000	\$ 1,700,000	\$ 11,050,000
Mar.	\$ 196,700,000	\$ 21,200,000	\$ 217,900,000		\$ 8,050,000	\$ 1,400,000	\$ 9,450,000
Apr. (p)	\$ 212,550,000	\$ 52,050,000	\$ 264,600,000		\$ 8,200,000	\$ 550,000	\$ 8,750,000
4 Mos.	\$ 790,200,000	\$ 104,450,000	\$ 894,650,000		\$ 33,950,000	\$ 4,400,000	\$ 38,350,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
<u>1984</u>							
Jan.	\$ 122,500,000	\$ 10,700,000	\$ 133,200,000	883.80	\$ 65,350,000	\$ 7,200,000	\$ 72,550,000
Feb.	\$ 121,700,000	\$ 11,350,000	\$ 133,050,000	913.80	\$ 95,300,000	\$ 7,750,000	\$ 103,050,000
Mar.	\$ 131,900,000	\$ 14,600,000	\$ 146,500,000	937.80	\$ 112,350,000	\$ 10,150,000	\$ 122,500,000
Apr. (p)	\$ 138,450,000	\$ 44,100,000	\$ 182,550,000	1,018.75	\$ 92,800,000	\$ 8,800,000	\$ 101,600,000
4 Mos.	\$ 514,550,000	\$ 80,750,000	\$ 595,300,000		\$ 365,800,000	\$ 33,900,000	\$ 399,700,000

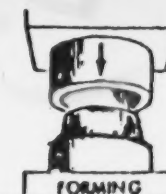
DATE	GROSS NEW ORDERS				CANCELLATIONS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
<u>1984</u>							
Jan.	\$ 127,550,000	\$ 10,750,000	\$ 138,300,000		\$ 5,050,000	\$ 50,000	\$ 5,100,000
Feb.	\$ 130,600,000	\$ 12,400,000	\$ 143,000,000		\$ 8,900,000	\$ 1,050,000	\$ 9,950,000
Mar.	\$ 137,150,000	\$ 15,950,000	\$ 153,100,000		\$ 5,250,000	\$ 1,350,000	\$ 6,600,000
Apr. (p)	\$ 144,550,000	\$ 44,200,000	\$ 188,750,000		\$ 6,100,000	\$ 100,000	\$ 6,200,000
4 Mos.	\$ 539,850,000	\$ 83,300,000	\$ 623,150,000		\$ 25,300,000	\$ 2,550,000	\$ 27,850,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog



DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
<u>1984</u>							
Jan.	\$ 53,050,000	\$ 2,850,000	\$ 55,900,000	237.05	\$ 35,550,000	\$ 4,850,000	\$ 40,400,000
Feb.	\$ 66,000,000	\$ 3,850,000	\$ 69,850,000	262.65	\$ 40,400,000	\$ 3,850,000	\$ 44,250,000
Mar.	\$ 56,750,000	\$ 5,200,000	\$ 61,950,000	257.85	\$ 60,000,000	\$ 6,750,000	\$ 66,750,000
Apr. (p)	\$ 65,900,000	\$ 7,400,000	\$ 73,300,000	273.90	\$ 52,300,000	\$ 4,950,000	\$ 57,250,000
4 Mos.	\$ 241,700,000	\$ 19,300,000	\$ 261,000,000		\$ 188,250,000	\$ 20,400,000	\$ 208,650,000

DATE	GROSS NEW ORDERS				CANCELLATIONS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
<u>1984</u>							
Jan.	\$ 56,350,000	\$ 3,550,000	\$ 59,900,000		\$ 3,300,000	\$ 700,000	\$ 4,000,000
Feb.	\$ 66,450,000	\$ 4,500,000	\$ 70,950,000		\$ 450,000	\$ 650,000	\$ 1,100,000
Mar.	\$ 59,550,000	\$ 5,250,000	\$ 64,800,000		\$ 2,800,000	\$ 50,000	\$ 2,850,000
Apr. (p)	\$ 68,000,000	\$ 7,850,000	\$ 75,850,000		\$ 2,100,000	\$ 450,000	\$ 2,550,000
4 Mos.	\$ 250,350,000	\$ 21,150,000	\$ 271,500,000		\$ 8,650,000	\$ 1,850,000	\$ 10,500,000

P - Preliminary

N.M.T.B.A. F - 1d

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

June 19, 1984

FOR RELEASE A.M. MONDAY, JUNE 25, 1984

press release

Machine tool orders grew 27% during May, due principally to a surge in orders for metal-forming type machine tools and helped by modest growth in orders for metal-cutting type machines. During May the American machine tool industry booked \$320,150,000 worth of orders. This total is 137% above the order rate during May 1983 and it is the largest monthly order total since Spring 1981.

Contact:**Charles Pollock**

However, May's order rate is only 63% of the average monthly order rate during the first quarter of 1980, which was the beginning of the recession for the American machine tool industry, according to the National Machine Tool Builders' Association that compiles these data.

During May, machine tool shipments rose 30% from their April level to a total value of \$205,700,000 -- making May the first

-more-



**national
machine
tool builders'
association**

7801 Westfield
Mentor, Ohio 44130
AREA 1-800-368-1000
TWA 716-671-0001 NMTBA

\$200,000,000 shipment month since 1982. Compared to May 1983, shipments were up 51% for the month. During May, shipments of metal-cutting type machine tools totaled \$147,300,000, which is an increase of 49% from the same month last year; while metal-forming machine shipments were up 58%, to \$58,400,000, from last year.

According to James A. Gray, president of the National Machine Tool Builders' Association, "Most of the increase in machine tool orders during May originated in the metal-forming segment of the industry, where orders were up 207% from May last year. The metal forming segment of the industry, because of its relatively smaller size, is subject to much broader fluctuations in order rates."

Metal-forming machine tool orders totaled \$128,100,000 -- up nearly \$55 million (75%) during May. Metal-cutting machine tool orders totaled \$192,050,000, a 7% increase from April levels.

"Considering that the American machine tool industry entered the recession during the second quarter of 1980, it is gratifying to see substantial increases in both orders and shipments." Gray added. "However, the industry still has a long way to go to even approach its pre-recession strength. In the face of growing imports -- which supply more than 50% of some important machine tool types and more

than one-third of the total market -- the industry may never recover."

"That is why it is so important for President Reagan to promptly take action on the Secretary of Commerce's February recommendations for machine tool import relief to protect the security of the United States. As the President delays, more and more domestic machine tool capacity withers and disappears." Gray asserted.

At the end of May, the backlog of machine tools under construction was \$1,404,450,000. This is an increase of 9% during the month.

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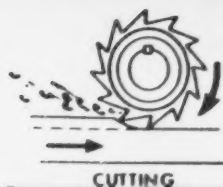
COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS (Thousands of Dollars)

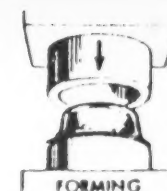
	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
May 1984	170,400	21,650	192,050	121,850	6,250	128,100	292,250	27,900	320,150
April 1984	135,700	44,100	179,800	65,900	7,400	73,300	201,600	51,500	253,100
% Change									
May 1984:April 1984	+25.6	-50.9	+6.8	+84.9	-15.5	+74.8	+45.0	-45.8	+26.5
May 1983	88,200	5,400	93,600	37,900	3,800	41,700	126,100	9,200	135,300
% Change									
May 1984:May 1983	+93.2	+300.9	+105.2	+221.5	+64.5	+207.2	+131.8	+203.3	+136.6
Year To Date 1984	682,200	102,400	784,600	363,550	25,550	389,100	1,045,750	127,950	1,173,700
Year To Date 1983	367,700	29,250	396,950	155,000	16,750	171,750	522,700	46,000	568,700
% Change									
1984 : 1983	+85.5	+250.1	+97.7	+134.5	+52.5	+126.6	+100.1	+178.2	+106.4

SHIPMENTS -- MACHINE TOOLS (Thousands of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
May 1984	139,550	7,750	147,300	51,200	7,200	58,400	190,750	14,950	205,700
April 1984	92,700	8,800	101,500	52,300	4,950	57,250	145,000	13,750	158,750
% Change									
May 1984:April 1984	+50.5	-11.9	+45.1	-2.1	+45.5	+2.0	+31.6	+8.7	+29.6
May 1983	88,600	10,200	98,800	35,050	2,000	37,050	123,650	12,200	135,850
% Change									
May 1984:May 1983	+57.5	-24.0	+49.1	+46.1	+260.0	+57.6	+54.3	+22.5	+51.4
Year To Date 1984	505,250	41,650	546,900	239,450	27,600	267,050	744,700	69,250	813,950
Year To Date 1983	518,950	63,400	582,350	171,050	20,700	191,750	690,000	84,100	774,100
% Change									
1984 : 1983	-2.6	-34.3	-6.1	+40.0	+33.3	+39.3	+7.9	-17.7	+5.1



TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog



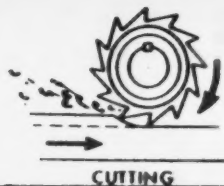
DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1984							
Jan.	\$ 175,550,000	\$ 13,550,000	\$ 189,100,000	1,120.85	\$ 100,900,000	\$ 12,050,000	\$ 112,950,000
Feb.	\$ 187,700,000	\$ 15,200,000	\$ 202,900,000	1,176.45	\$ 135,700,000	\$ 11,600,000	\$ 147,300,000
Mar.	\$ 188,650,000	\$ 19,800,000	\$ 208,450,000	1,195.65	\$ 172,350,000	\$ 16,900,000	\$ 189,250,000
Apr.	\$ 201,600,000	\$ 51,500,000	\$ 253,100,000	1,290.00	\$ 145,000,000	\$ 13,750,000	\$ 158,750,000
May (p)	\$ 292,250,000	\$ 27,900,000	\$ 320,150,000	1,404.45	\$ 190,750,000	\$ 14,950,000	\$ 205,700,000
5 Mos.	\$1,045,750,000	\$ 127,950,000	\$1,173,700,000		\$ 744,700,000	\$ 69,250,000	\$ 813,950,000

DATE	GROSS NEW ORDERS			CANCELLATIONS		
	Domestic	Foreign	Total	Domestic	Foreign	Total
1984						
Jan.	\$ 183,900,000	\$ 14,300,000	\$ 198,200,000	\$ 8,350,000	\$ 750,000	\$ 9,100,000
Feb.	\$ 197,050,000	\$ 16,900,000	\$ 213,950,000	\$ 9,350,000	\$ 1,700,000	\$ 11,050,000
Mar.	\$ 196,700,000	\$ 21,200,000	\$ 217,900,000	\$ 8,050,000	\$ 1,400,000	\$ 9,450,000
Apr.	\$ 209,800,000	\$ 52,050,000	\$ 261,850,000	\$ 8,200,000	\$ 550,000	\$ 8,750,000
May (p)	\$ 304,050,000	\$ 28,100,000	\$ 332,150,000	\$ 11,800,000	\$ 200,000	\$ 12,000,000
5 Mos.	\$1,091,500,000	\$ 132,550,000	\$1,224,050,000	\$ 45,750,000	\$ 4,600,000	\$ 50,350,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1984							
Jan.	\$ 122,500,000	\$ 10,700,000	\$ 133,200,000	883.80	\$ 65,350,000	\$ 7,200,000	\$ 72,550,000
Feb.	\$ 121,700,000	\$ 11,350,000	\$ 133,050,000	913.80	\$ 95,300,000	\$ 7,750,000	\$ 103,050,000
Mar.	\$ 131,900,000	\$ 14,600,000	\$ 146,500,000	937.80	\$ 112,350,000	\$ 10,150,000	\$ 122,500,000
Apr.	\$ 135,700,000	\$ 44,100,000	\$ 179,800,000	1,016.10	\$ 92,700,000	\$ 8,800,000	\$ 101,500,000
May (p)	\$ 170,400,000	\$ 21,650,000	\$ 192,050,000	1,060.85	\$ 139,550,000	\$ 7,750,000	\$ 147,300,000
5 Mos.	\$ 682,200,000	\$ 102,400,000	\$ 784,600,000		\$ 505,250,000	\$ 41,650,000	\$ 546,900,000

DATE	GROSS NEW ORDERS				CANCELLATIONS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1984							
Jan.	\$ 127,550,000	\$ 10,750,000	\$ 138,300,000		\$ 5,050,000	\$ 50,000	\$ 5,100,000
Feb.	\$ 130,600,000	\$ 12,400,000	\$ 143,000,000		\$ 8,900,000	\$ 1,050,000	\$ 9,950,000
Mar.	\$ 137,150,000	\$ 15,950,000	\$ 153,100,000		\$ 5,250,000	\$ 1,350,000	\$ 6,600,000
Apr.	\$ 141,800,000	\$ 44,200,000	\$ 186,000,000		\$ 6,100,000	\$ 100,000	\$ 6,200,000
May (p)	\$ 174,300,000	\$ 21,800,000	\$ 196,100,000		\$ 3,900,000	\$ 150,000	\$ 4,050,000
5 Mos.	\$ 711,400,000	\$ 105,100,000	\$ 816,500,000		\$ 29,200,000	\$ 2,700,000	\$ 31,900,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog



DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
<u>1984</u>							
Jan.	\$ 53,050,000	\$ 2,850,000	\$ 55,900,000	237.05	\$ 35,550,000	\$ 4,850,000	\$ 40,400,000
Feb.	\$ 66,000,000	\$ 3,850,000	\$ 69,850,000	262.65	\$ 40,400,000	\$ 3,350,000	\$ 44,250,000
Mar.	\$ 56,750,000	\$ 5,200,000	\$ 61,950,000	257.85	\$ 60,000,000	\$ 6,750,000	\$ 66,750,000
Apr.	\$ 65,900,000	\$ 7,400,000	\$ 73,300,000	273.90	\$ 52,300,000	\$ 4,950,000	\$ 57,250,000
May (p)	\$ 121,850,000	\$ 6,250,000	\$ 128,100,000	343.60	\$ 51,200,000	\$ 7,200,000	\$ 58,400,000
5 Mos.	\$ 363,550,000	\$ 25,550,000	\$ 389,100,000		\$ 239,450,000	\$ 27,600,000	\$ 267,050,000

DATE	GROSS NEW ORDERS				CANCELLATIONS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
<u>1984</u>							
Jan.	\$ 56,350,000	\$ 3,550,000	\$ 59,900,000		\$ 3,300,000	\$ 700,000	\$ 4,000,000
Feb.	\$ 66,450,000	\$ 4,500,000	\$ 70,950,000		\$ 450,000	\$ 650,000	\$ 1,100,000
Mar.	\$ 59,550,000	\$ 5,250,000	\$ 64,800,000		\$ 2,800,000	\$ 50,000	\$ 2,850,000
Apr.	\$ 68,000,000	\$ 7,850,000	\$ 75,850,000		\$ 2,100,000	\$ 450,000	\$ 2,550,000
May (p)	\$ 129,750,000	\$ 6,300,000	\$ 136,050,000		\$ 7,900,000	\$ 50,000	\$ 7,950,000
5 Mos.	\$ 380,100,000	\$ 27,450,000	\$ 407,550,000		\$ 16,550,000	\$ 1,900,000	\$ 18,450,000

P - Preliminary

N.M.T.B.A. F - 1d

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

July 23, 1984

press release

Contact:

Charles Pollock



**national
machine
tool builders'
association**

FOR RELEASE A.M. MONDAY, JULY 30, 1984

McLean, VA, July 30, 1984 -- U.S. machine tool orders rose 91% in the first half of 1984, to \$1,365,250,000, compared to the same period a year ago, according to data released today by the National Machine Tool Builders' Association. Shipments for metal cutting and metal forming machine tools, at \$1,023,750,000, were up a slight 7% from levels in 1983 -- which was the worst year for the industry in modern history.

For the month of June, orders were down 40% at \$192,150,000, while shipments declined 2% from May's value at \$205,450,000. Order backlogs also decreased during the month to a level of \$1,386,200,000.

"With shipments still at extremely low levels, the industry is now experiencing the full impact of last year's devastating order shortfall," said Association president James A. Gray. "This year's increase in orders provides some hope for the future," Gray added, "but the advantages are only on paper for the hundreds of machine tool companies with severe cash flow problems."

-over-

"Today, many of these companies are becoming distributors for foreign manufacturers," Gray said, "while others are moving offshore, and still others are getting out of the business entirely." Gray predicted this trend would soon produce, "a permanently disabled machine tool industry. And considering the defense-essential nature of this industry," Gray warned, "its demise would also result in a permanently weakened U.S. industrial base."

Gray again called for an immediate decision on NMTBA's national security petition, which has been in the hands of the President since February 28, following a recommendation from Commerce Secretary Baldrige to impose temporary limits on machine tool imports to enable the domestic industry to boost its production capacity to acceptable levels.

For the month of June, metal cutting machine tool orders dropped 30% at \$131,800,000. Shipments in the category rose a slight 1% to a level of \$152,250,000. For the first half of 1984, metal cutting orders increased by 85% at \$912,800,000, while shipments declined 4% at \$701,850,000.

Net new orders in the metal forming category declined 54% in June at \$60,350,000, while shipments dropped 11% at \$53,200,000. For the first six months of the year, metal forming orders rose 105% at \$452,450,000, while shipments were up 41% at \$321,900,000.

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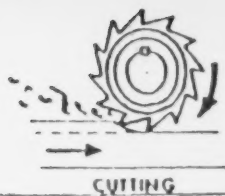
COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS
(Thousands of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
June 1984	110,550	21,250	131,800	56,800	3,550	60,350	167,350	24,800	192,150
May 1984	167,500	20,950	188,450	124,400	6,700	131,100	291,900	27,650	319,550
% Change									
June 1984:May 1984	-34.0	+1.4	-30.1	-54.3	-47.0	-54.0	-42.7	-10.3	-39.9
June 1983	88,450	8,000	96,450	41,100	7,700	48,800	129,550	15,700	145,250
% Change									
June 1984:June 1983	+25.0	+165.6	+36.7	+38.2	-53.9	+23.7	+29.2	+58.0	+32.3
Year To Date 1984	789,850	122,950	912,800	422,900	29,550	452,450	1,212,750	152,500	1,365,250
Year To Date 1983	456,150	37,250	493,400	196,100	24,450	220,550	652,250	61,700	713,950
% Change									
1984 : 1983	+73.2	+230.1	+85.0	+115.7	+20.9	+105.1	+85.9	+147.2	+91.2

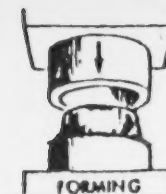
SHIPMENTS -- MACHINE TOOLS
(Thousands of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
June 1984	138,800	13,450	152,250	43,450	9,750	53,200	182,250	23,200	205,450
May 1984	142,100	7,900	150,000	52,300	7,750	60,050	194,400	15,650	210,050
% Change									
June 1984:May 1984	-2.3	+70.3	+1.5	-16.9	+25.8	-11.4	-6.3	+48.2	-2.2
June 1983	119,050	26,700	145,750	33,100	4,150	37,250	152,150	30,850	183,000
% Change									
June 1984:June 1983	+16.6	-49.6	+4.5	+31.3	+134.9	+42.8	+19.8	-24.8	+12.3
Year To Date 1984	646,600	55,250	701,850	284,000	37,900	321,900	930,600	93,150	1,023,750
Year To Date 1983	638,000	90,100	728,100	204,150	24,850	229,000	842,150	114,950	957,100
% Change									
1984 : 1983	+1.3	-38.7	-3.6	+39.1	+52.5	+40.6	+10.5	-19.0	+7.0



CUTTING

TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog



FORMING

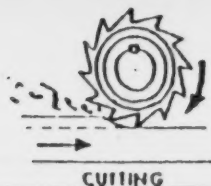
DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1984							
Jan.	\$ 175,550,000	\$ 13,550,000	\$ 189,100,000	1,120.85	\$ 100,900,000	\$ 12,050,000	\$ 112,950,000
Feb.	\$ 187,700,000	\$ 15,200,000	\$ 202,900,000	1,176.45	\$ 135,700,000	\$ 11,600,000	\$ 147,300,000
Mar.	\$ 188,650,000	\$ 19,800,000	\$ 208,450,000	1,195.65	\$ 172,350,000	\$ 16,900,000	\$ 189,250,000
Apr.	\$ 201,600,000	\$ 51,500,000	\$ 253,100,000	1,290.00	\$ 145,000,000	\$ 13,750,000	\$ 158,750,000
May	\$ 291,900,000	\$ 27,650,000	\$ 319,550,000	1,399.50	\$ 194,400,000	\$ 15,650,000	\$ 210,050,000
June (p)	\$ 167,350,000	\$ 24,800,000	\$ 192,150,000	1,386.20	\$ 182,250,000	\$ 23,200,000	\$ 205,450,000
6 Mos.	\$1,212,750,000	\$ 152,500,000	\$1,365,250,000		\$ 930,600,000	\$ 93,150,000	\$1,023,750,000

DATE	GROSS NEW ORDERS			CANCELLATIONS		
	Domestic	Foreign	Total	Domestic	Foreign	Total
1984						
Jan.	\$ 183,900,000	\$ 14,300,000	\$ 198,200,000	\$ 8,350,000	\$ 750,000	\$ 9,100,000
Feb.	\$ 197,050,000	\$ 16,900,000	\$ 213,950,000	\$ 9,350,000	\$ 1,700,000	\$ 11,050,000
Mar.	\$ 196,700,000	\$ 21,200,000	\$ 217,900,000	\$ 8,050,000	\$ 1,400,000	\$ 9,450,000
Apr.	\$ 209,800,000	\$ 52,050,000	\$ 261,850,000	\$ 8,200,000	\$ 550,000	\$ 8,750,000
May	\$ 303,700,000	\$ 27,850,000	\$ 331,550,000	\$ 11,800,000	\$ 200,000	\$ 12,000,000
June (p)	\$ 184,400,000	\$ 25,150,000	\$ 209,550,000	\$ 17,050,000	\$ 350,000	\$ 17,400,000
6 Mos.	\$1,275,550,000	\$ 157,450,000	\$1,433,000,000	\$ 62,800,000	\$ 4,950,000	\$ 67,750,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1984							
Jan.	\$ 122,500,000	\$ 10,700,000	\$ 133,200,000	883.80	\$ 65,350,000	\$ 7,200,000	\$ 72,550,000
Feb.	\$ 121,700,000	\$ 11,350,000	\$ 133,050,000	913.80	\$ 95,300,000	\$ 7,750,000	\$ 103,050,000
Mar.	\$ 131,900,000	\$ 14,600,000	\$ 146,500,000	937.80	\$ 112,350,000	\$ 10,150,000	\$ 122,500,000
Apr.	\$ 135,700,000	\$ 44,100,000	\$ 179,800,000	1,016.10	\$ 92,700,000	\$ 8,800,000	\$ 101,500,000
May	\$ 167,500,000	\$ 20,950,000	\$ 188,450,000	1,054.55	\$ 142,100,000	\$ 7,900,000	\$ 150,000,000
June (p)	\$ 110,550,000	\$ 21,250,000	\$ 131,800,000	1,034.10	\$ 138,800,000	\$ 13,450,000	\$ 152,250,000
6 Mos.	\$ 789,850,000	\$ 122,950,000	\$ 912,800,000		\$ 646,600,000	\$ 55,250,000	\$ 701,850,000

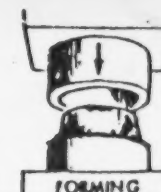
DATE	GROSS NEW ORDERS			CANCELLATIONS		
	Domestic	Foreign	Total	Domestic	Foreign	Total
1984						
Jan.	\$ 127,550,000	\$ 10,750,000	\$ 138,300,000	\$ 5,050,000	\$ 50,000	\$ 5,100,000
Feb.	\$ 130,600,000	\$ 12,400,000	\$ 143,000,000	\$ 8,900,000	\$ 1,050,000	\$ 9,950,000
Mar.	\$ 137,150,000	\$ 15,950,000	\$ 153,100,000	\$ 5,250,000	\$ 1,350,000	\$ 6,600,000
Apr.	\$ 141,800,000	\$ 44,200,000	\$ 186,000,000	\$ 6,100,000	\$ 100,000	\$ 6,200,000
May	\$ 171,250,000	\$ 21,100,000	\$ 192,350,000	\$ 3,750,000	\$ 150,000	\$ 3,900,000
June (p)	\$ 126,050,000	\$ 21,550,000	\$ 147,600,000	\$ 15,500,000	\$ 300,000	\$ 15,800,000
6 Mos.	\$ 834,400,000	\$ 125,950,000	\$ 960,350,000	\$ 44,550,000	\$ 3,000,000	\$ 47,550,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog



DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1984							
Jan.	\$ 53,050,000	\$ 2,850,000	\$ 55,900,000	237.05	\$ 35,550,000	\$ 4,850,000	\$ 40,400,000
Feb.	\$ 66,000,000	\$ 3,850,000	\$ 69,850,000	262.65	\$ 40,400,000	\$ 3,850,000	\$ 44,250,000
Mar.	\$ 56,750,000	\$ 5,200,000	\$ 61,950,000	257.85	\$ 60,000,000	\$ 6,750,000	\$ 66,750,000
Apr.	\$ 65,900,000	\$ 7,400,000	\$ 73,300,000	273.90	\$ 52,300,000	\$ 4,950,000	\$ 57,250,000
May	\$ 124,400,000	\$ 6,700,000	\$ 131,100,000	344.95	\$ 52,300,000	\$ 7,750,000	\$ 60,050,000
June (p)	\$ 56,800,000	\$ 3,550,000	\$ 60,350,000	352.10	\$ 43,450,000	\$ 9,750,000	\$ 53,200,000
6 Mos.	\$ 422,900,000	\$ 29,550,000	\$ 452,450,000		\$ 284,000,000	\$ 37,900,000	\$ 321,900,000

DATE	GROSS NEW ORDERS				CANCELLATIONS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1984							
Jan.	\$ 56,350,000	\$ 3,550,000	\$ 59,900,000		\$ 3,300,000	\$ 700,000	\$ 4,000,000
Feb.	\$ 66,450,000	\$ 4,500,000	\$ 70,950,000		\$ 450,000	\$ 650,000	\$ 1,100,000
Mar.	\$ 59,550,000	\$ 5,250,000	\$ 64,800,000		\$ 2,800,000	\$ 50,000	\$ 2,850,000
Apr.	\$ 68,000,000	\$ 7,850,000	\$ 75,850,000		\$ 2,100,000	\$ 450,000	\$ 2,550,000
May	\$ 132,450,000	\$ 6,750,000	\$ 139,200,000		\$ 8,050,000	\$ 50,000	\$ 8,100,000
June (p)	\$ 58,350,000	\$ 3,600,000	\$ 61,950,000		\$ 1,550,000	\$ 50,000	\$ 1,600,000
6 Mos.	\$ 441,150,000	\$ 31,500,000	\$ 472,650,000		\$ 18,250,000	\$ 1,950,000	\$ 20,200,000

P - Preliminary

N.M.T.B.A. F - 1d

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

QUARTERLY AND YEARLY SHIPMENTS AND NET NEW ORDERS OF MACHINE TOOLS
(DOLLAR FIGURES IN THOUSANDS)
1979 TO DATE

CUTTING AND FORMING				CUTTING			FORMING		
DATE	SHIPMENTS		NET NEW ORDERS	SHIPMENTS		NET NEW ORDERS	SHIPMENTS		NET NEW ORDERS
	Total	Foreign		Total	Foreign		Total	Foreign	
1979-1	\$ 858,050	\$ 88,300	\$1,471,400	\$ 633,450	\$ 69,000	\$1,158,250	\$ 224,600	\$ 19,300	\$ 313,150
2	978,200	109,150	1,356,450	735,750	87,650	1,083,550	242,450	21,500	272,900
3	899,850	97,050	1,353,200	689,850	78,500	1,120,500	210,000	18,550	232,700
4	1,140,450	116,750	1,440,400	871,000	89,400	1,132,800	269,450	27,350	307,600
Total	\$3,876,550	\$411,250	\$5,621,450	\$2,930,050	\$324,550	\$4,495,100	\$ 946,500	\$ 86,700	\$1,126,350
1980-1	\$1,146,150	\$115,700	\$1,517,450	\$ 881,400	\$ 86,750	\$1,207,800	\$ 264,750	\$ 28,950	\$ 309,650
2	1,193,300	155,550	1,335,350	925,350	122,850	1,142,100	267,950	32,700	193,250
3	1,049,050	133,850	917,500	830,450	102,650	728,300	218,600	31,200	189,200
4	1,303,250	202,400	984,000	1,043,600	162,550	806,550	259,650	35,850	177,450
Total	\$4,691,750	\$607,500	\$4,754,300	\$3,680,800	\$474,800	\$3,884,750	\$1,010,950	\$ 132,700	\$ 869,550
1981-1	\$1,288,200	\$210,800	\$ 920,350	\$1,017,850	\$155,600	\$ 706,600	\$ 270,350	\$ 55,200	\$ 213,750
2	1,367,500	236,350	867,000	1,103,400	185,450	661,200	264,100	50,900	205,800
3	1,133,950	127,950	593,450	920,300	99,950	455,250	213,650	28,000	138,200
4	1,305,950	143,850	564,050	1,062,950	111,050	405,050	243,000	32,800	159,000
Total	\$5,095,600	\$718,950	\$2,944,850	\$4,104,500	\$552,050	\$2,228,100	\$ 991,100	\$ 166,900	\$ 716,750
1982-1	\$1,154,200	\$112,650	\$ 506,800	\$ 933,050	\$ 71,750	\$ 384,850	\$ 221,150	\$ 40,900	\$ 121,950
2	1,008,450	96,600	382,650	810,650	75,350	274,750	197,800	21,250	107,900
3	783,400	107,200	279,950	640,450	89,750	183,450	142,950	17,450	96,500
4	658,350	89,600	328,350	510,600	59,300	221,400	147,750	30,300	106,950
Total	\$3,604,400	\$406,050	\$1,497,750	\$2,894,750	\$296,150	\$1,064,450	\$ 709,650	\$ 109,900	\$ 433,300
1983-1	\$ 487,450	\$ 56,650	\$ 314,850	\$ 370,600	\$ 40,800	\$ 224,100	\$ 116,850	\$ 15,650	\$ 90,750
2	469,650	58,300	399,100	357,500	49,300	269,300	112,150	9,000	129,800
3	357,050	42,900	468,150	252,350	32,200	322,200	104,700	10,700	145,950
4	530,900	57,150	514,050	391,050	49,600	336,050	139,850	7,550	178,000
Total	\$1,845,050	\$215,000	\$1,696,150	\$1,371,500	\$171,900	\$1,151,650	\$ 473,550	\$ 43,100	\$ 544,500
1984-1	\$ 449,500	\$ 40,550	\$ 600,450	\$ 298,100	\$ 25,100	\$ 412,750	\$ 151,400	\$ 15,450	\$ 187,700
2P	\$ 574,250	\$ 52,600	\$ 764,800	\$ 403,750	\$ 30,150	\$ 500,050	\$ 170,500	\$ 22,450	\$ 284,750

P - Preliminary

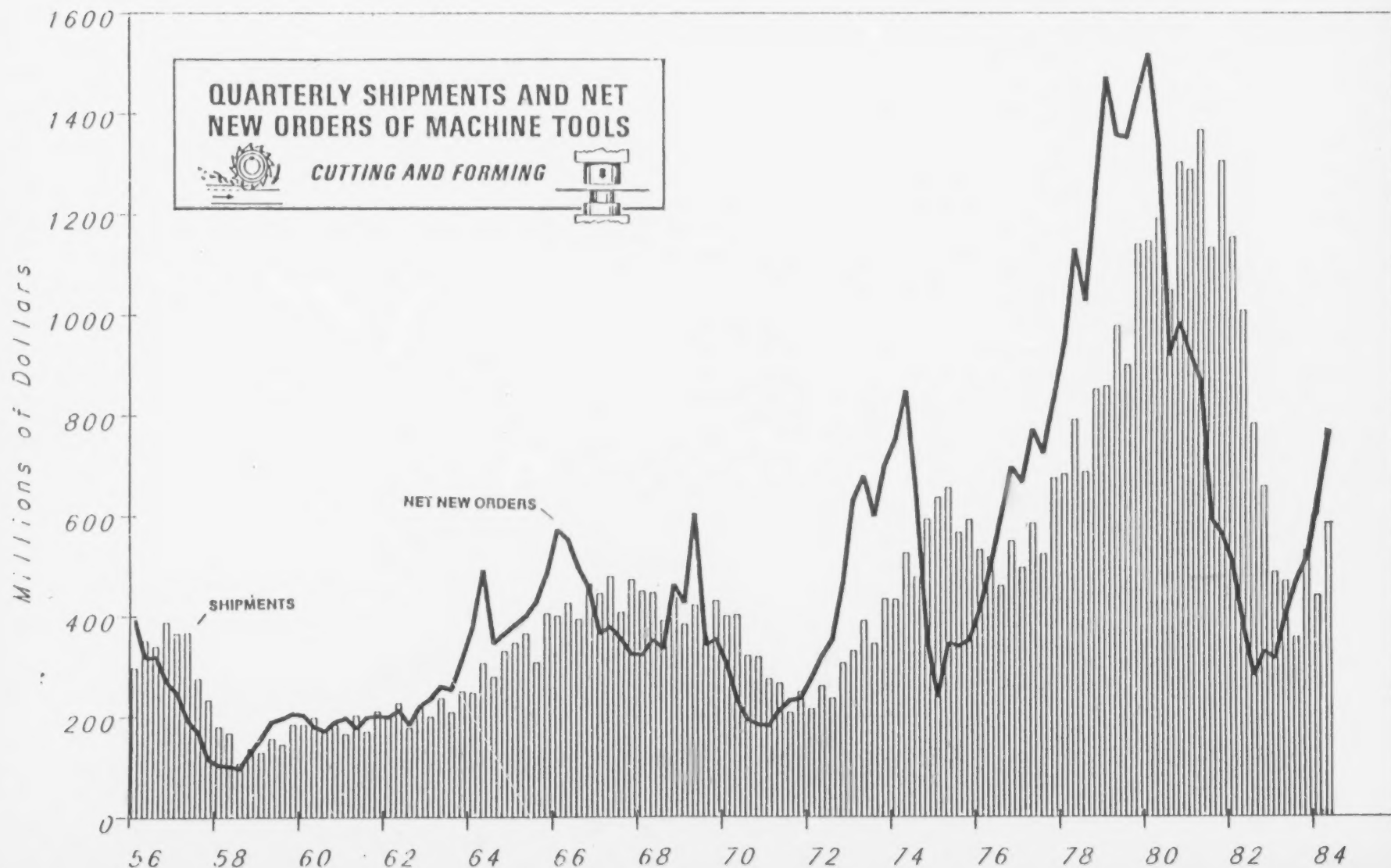
NOTE: These data series are available back to 1956. To obtain a copy of the tables for 1956 through 1983, contact:

NMTBA Statistical Department, 7901 Westpark Drive, McLean, Virginia 22102. Phone: 703:893-2900

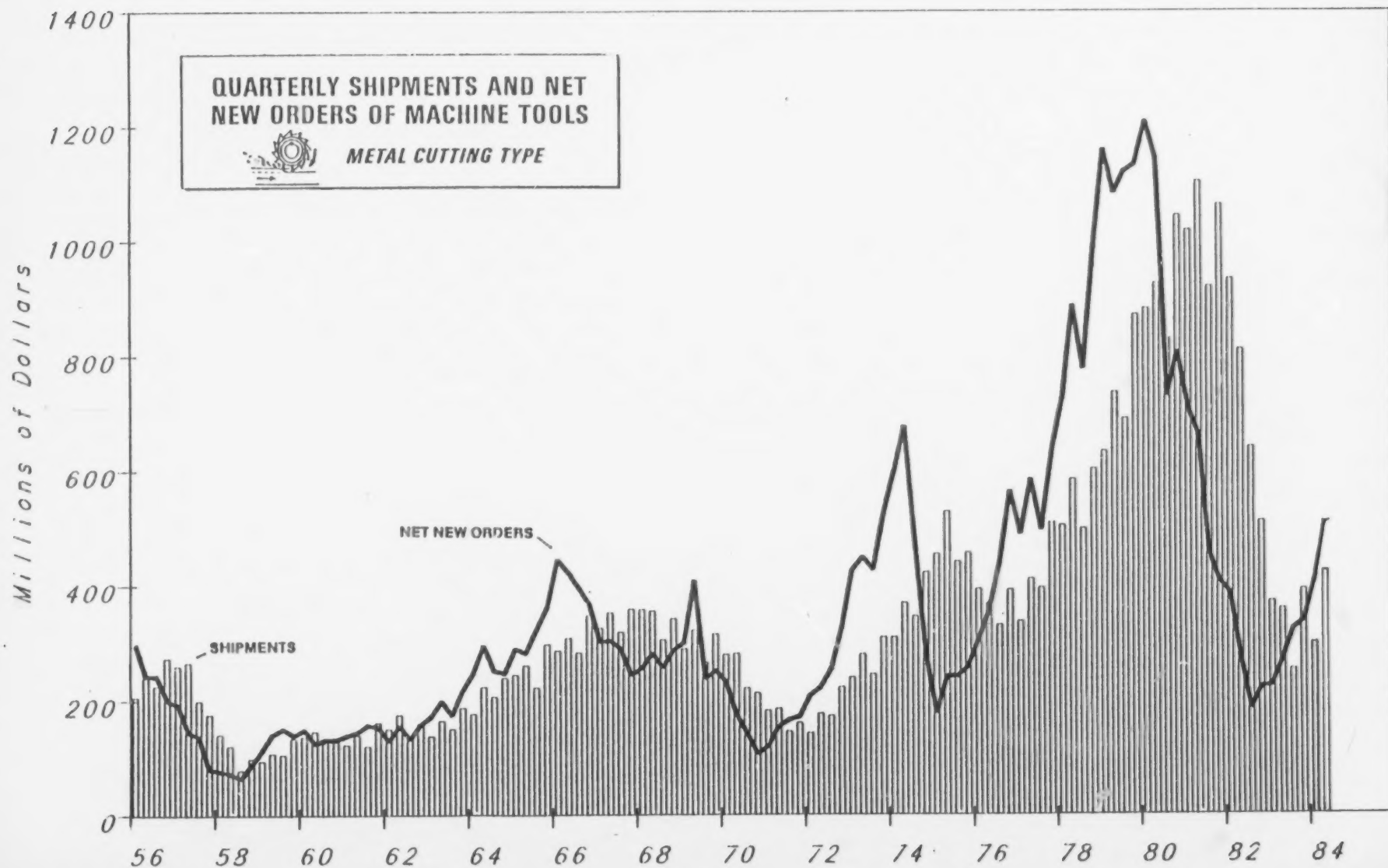
Source: National Machine Tool Builders' Association

July 30, 1984

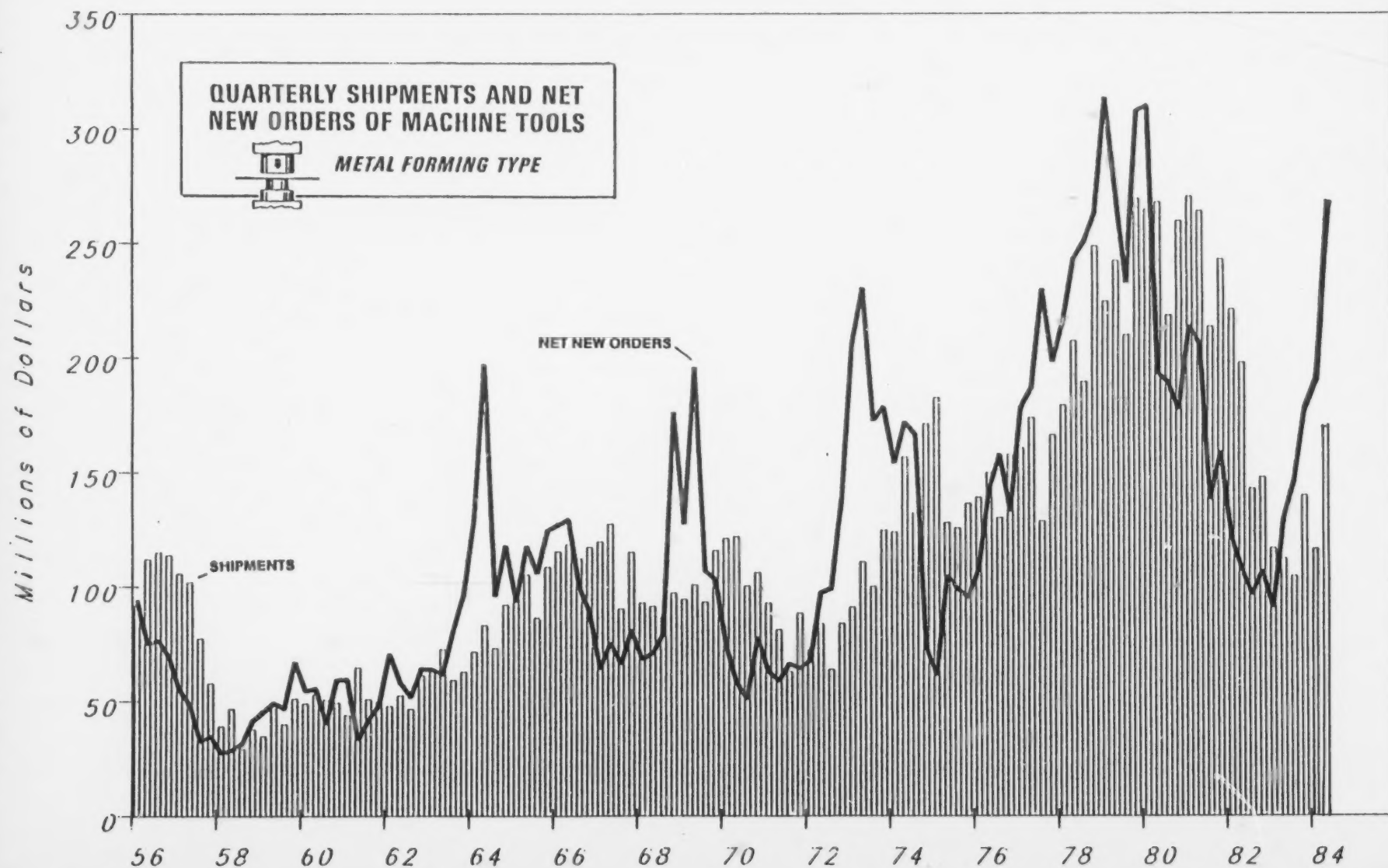
*Total Machine Tool
Shipments (Bar) and Net New Orders (Line)
Quarterly, 1956:1 to 1984:2*



*Metal Cutting Machine Tool
Shipments (Bar) and Net New Orders (Line)
Quarterly, 1956:1 to 1984:2*



*Metal Forming Machine Tool
Shipments (Bar) and Net New Orders (Line)
Quarterly, 1956:1 to 1984:2*



August 20, 1984

FOR RELEASE A.M. MONDAY, August 27, 1984

press release

McLean, VA, August 27, 1984 -- Net new orders for American machine tools rose 63% in July to a level of \$313,400,000 principally as the result of an unusual surge in orders for metal-forming machines. Orders for metal-cutting machines rose only slightly, according to data released today by the National Machine Tool Builders' Association. During the month, metal-forming orders, which normally equal about 20% of the total, actually exceeded orders for cutting-type machine tools.

Contact:

Charles Pollock

According to James A. Gray, Association president, "This anomaly in orders emphasizes the plight in which the U.S. machine tool industry finds itself. Even though the economy has been in a booming recovery for some time, the metal-cutting segment of our industry has not been fully participating in the recovery. And the metal-forming order increase is more related to a few isolated projects rather than to strength across the board."

 national
machine
tool builders'
association

-over-

For the month of July, orders for metal-cutting machine tools increased only 4% to a level of \$135,850,000. This level is some \$50 million below April-May order rates, and July's domestic orders were virtually unchanged from a year ago.

"Metal-cutting machinery builders have been disadvantaged by the well-documented unfair trade practices of many foreign machine tool builders and the 25-35% negative price impact of current exchange rates. Even with the best machine tool technology in the world, these handicaps have exacerbated the problems of U.S. builders." Gray said.

"Metal-forming machine manufacturers, who are less affected by imports, saw orders plummet earlier in the recession and began their recovery sooner." Gray added. "This month's abnormal surge caused metal-forming orders to exceed those for metal-cutting type machines for the first time since 1970."

Metal forming orders were up by 192% in July to a level of \$177,550,000.

"This reversal of roles" according to Gray, "spotlights the weakness of America's machine tool industry. If President Reagan does not act -- and act quickly -- on our 17-month old petition for a short, temporary reduction in the level of imports, our defense-essential industry will be permanently disabled." Gray concluded.

During July, machine tool shipments declined by 5% from their June rate to a total of \$193,750,000. Shipments of metal-cutting machines were down 11% at \$133,250,000; while metal-forming shipments, which totaled \$60,500,000, were up 14%.

The industry's order backlog also rose in July to a total of \$1.507 billion.

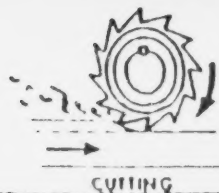
COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS (Thousands of Dollars)

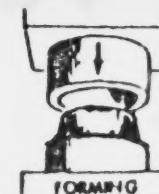
	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
July 1984	126,050	9,800	135,850	173,550	4,000	177,550	299,600	13,800	313,400
June 1984	107,550	23,400	130,950	53,600	7,200	60,800	161,150	30,600	191,750
% Change									
July 1984:June 1984	+17.2	-58.1	+3.7	+223.8	-44.4	+192.0	+85.9	-54.9	+63.4
July 1983	124,650	4,100	128,750	42,000	4,350	46,350	166,650	8,450	175,100
% Change									
July 1984:July 1983	+1.1	+139.0	+5.5	+313.2	-8.0	+283.1	+79.8	+63.3	+79.0
Year To Date 1984	912,900	134,900	1,047,800	593,250	37,200	630,450	1,506,150	172,100	1,678,250
Year To Date 1983	580,800	41,350	622,150	238,100	28,800	266,900	818,900	70,150	889,050
% Change									
1984 : 1983	+57.2	+226.2	+68.4	+149.2	+29.2	+136.2	+83.9	+145.3	+88.8

SHIPMENTS -- MACHINE TOOLS (Thousands of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
July 1984	127,500	5,750	133,250	54,500	6,000	60,500	182,000	11,750	193,750
June 1984	138,750	11,550	150,300	43,450	9,750	53,200	182,200	21,300	203,500
% Change									
July 1984:June 1984	-8.1	-50.2	-11.3	+25.4	-38.5	+13.7	-0.1	-44.8	-4.8
July 1983	61,900	13,500	75,400	31,950	5,000	36,950	93,850	18,500	112,350
% Change									
July 1984:July 1983	+106.0	-57.4	+76.7	+70.6	+20.0	+63.7	+93.9	-36.5	+72.5
Year To Date 1984	774,050	59,100	833,150	338,500	43,900	382,400	1,112,550	103,000	1,215,550
Year To Date 1983	699,900	103,600	803,500	236,100	29,850	265,950	936,000	133,450	1,069,450
% Change									
1984 : 1983	+10.6	-43.0	+3.7	+43.4	+47.1	+43.8	+18.9	-22.8	+13.7



TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog



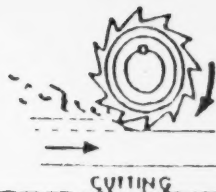
DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1984							
Jan.	\$ 175,550,000	\$ 13,550,000	\$ 189,100,000	1,120.85	\$ 100,900,000	\$ 12,050,000	\$ 112,950,000
Feb.	\$ 187,700,000	\$ 15,200,000	\$ 202,900,000	1,176.45	\$ 135,700,000	\$ 11,600,000	\$ 147,300,000
Mar.	\$ 188,650,000	\$ 19,800,000	\$ 208,450,000	1,195.65	\$ 172,350,000	\$ 16,900,000	\$ 189,250,000
Apr.	\$ 201,600,000	\$ 51,500,000	\$ 253,100,000	1,290.00	\$ 145,000,000	\$ 13,750,000	\$ 158,750,000
May	\$ 291,900,000	\$ 27,650,000	\$ 319,550,000	1,399.50	\$ 194,400,000	\$ 15,650,000	\$ 210,050,000
June	\$ 161,150,000	\$ 30,600,000	\$ 191,750,000	1,387.75	\$ 182,200,000	\$ 21,300,000	\$ 203,500,000
July (p)	\$ 299,600,000	\$ 13,800,000	\$ 313,400,000	1,507.40	\$ 182,000,000	\$ 11,750,000	\$ 193,750,000
7 Mos.	\$1,506,150,000	\$ 172,100,000	\$1,678,250,000		\$1,112,550,000	\$ 103,000,000	\$1,215,550,000

DATE	GROSS NEW ORDERS			CANCELLATIONS		
	Domestic	Foreign	Total	Domestic	Foreign	Total
1984						
Jan.	\$ 183,900,000	\$ 14,300,000	\$ 198,200,000	\$ 8,350,000	\$ 750,000	\$ 9,100,000
Feb.	\$ 197,050,000	\$ 16,900,000	\$ 213,950,000	\$ 9,350,000	\$ 1,700,000	\$ 11,050,000
Mar.	\$ 196,700,000	\$ 21,200,000	\$ 217,900,000	\$ 8,050,000	\$ 1,400,000	\$ 9,450,000
Apr.	\$ 209,800,000	\$ 52,050,000	\$ 261,850,000	\$ 8,200,000	\$ 550,000	\$ 8,750,000
May	\$ 303,700,000	\$ 27,850,000	\$ 331,550,000	\$ 11,800,000	\$ 200,000	\$ 12,000,000
June	\$ 178,200,000	\$ 32,450,000	\$ 210,650,000	\$ 17,050,000	\$ 1,850,000	\$ 18,900,000
July (p)	\$ 301,800,000	\$ 14,200,000	\$ 316,000,000	\$ 2,200,000	\$ 400,000	\$ 2,600,000
7 Mos.	\$1,571,150,000	\$ 178,950,000	\$1,750,100,000	\$ 65,000,000	\$ 6,850,000	\$ 71,850,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1984							
Jan.	\$ 122,500,000	\$ 10,700,000	\$ 133,200,000	883.80	\$ 65,350,000	\$ 7,200,000	\$ 72,550,000
Feb.	\$ 121,700,000	\$ 11,350,000	\$ 133,050,000	913.80	\$ 95,300,000	\$ 7,750,000	\$ 103,050,000
Mar.	\$ 131,900,000	\$ 14,600,000	\$ 146,500,000	937.80	\$ 112,350,000	\$ 10,150,000	\$ 122,500,000
Apr.	\$ 135,700,000	\$ 44,100,000	\$ 179,800,000	1,016.10	\$ 92,700,000	\$ 8,800,000	\$ 101,500,000
May	\$ 167,500,000	\$ 20,950,000	\$ 188,450,000	1,054.55	\$ 142,100,000	\$ 7,900,000	\$ 150,000,000
June	\$ 107,550,000	\$ 23,400,000	\$ 130,950,000	1,035.20	\$ 138,750,000	\$ 11,550,000	\$ 150,300,000
July (p)	\$ 126,050,000	\$ 9,800,000	\$ 135,850,000	1,037.80	\$ 127,500,000	\$ 5,750,000	\$ 133,250,000
7 Mos.	\$ 912,900,000	\$ 134,900,000	\$ 1,047,800,000		\$ 774,050,000	\$ 59,100,000	\$ 833,150,000

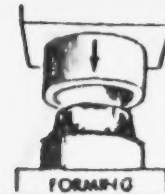
DATE	GROSS NEW ORDERS				CANCELLATIONS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1984							
Jan.	\$ 127,550,000	\$ 10,750,000	\$ 138,300,000		\$ 5,050,000	\$ 50,000	\$ 5,100,000
Feb.	\$ 130,600,000	\$ 12,400,000	\$ 143,000,000		\$ 8,900,000	\$ 1,050,000	\$ 9,950,000
Mar.	\$ 137,150,000	\$ 15,950,000	\$ 153,100,000		\$ 5,250,000	\$ 1,350,000	\$ 6,600,000
Apr.	\$ 141,800,000	\$ 44,200,000	\$ 186,000,000		\$ 6,100,000	\$ 100,000	\$ 6,200,000
May	\$ 171,250,000	\$ 21,100,000	\$ 192,350,000		\$ 3,750,000	\$ 150,000	\$ 3,900,000
June	\$ 123,050,000	\$ 25,200,000	\$ 148,250,000		\$ 15,500,000	\$ 1,800,000	\$ 17,300,000
July (p)	\$ 127,350,000	\$ 10,000,000	\$ 137,350,000		\$ 1,300,000	\$ 200,000	\$ 1,500,000
7 Mos.	\$ 958,750,000	\$ 139,600,000	\$ 1,098,350,000		\$ 45,850,000	\$ 4,700,000	\$ 50,550,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog



DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1984							
Jan.	\$ 53,050,000	\$ 2,850,000	\$ 55,900,000	237.05	\$ 35,550,000	\$ 4,850,000	\$ 40,400,000
Feb.	\$ 66,000,000	\$ 3,850,000	\$ 69,850,000	262.65	\$ 40,400,000	\$ 3,850,000	\$ 44,250,000
Mar.	\$ 56,750,000	\$ 5,200,000	\$ 61,950,000	257.85	\$ 60,000,000	\$ 6,750,000	\$ 66,750,000
Apr.	\$ 65,900,000	\$ 7,400,000	\$ 73,300,000	273.90	\$ 52,300,000	\$ 4,950,000	\$ 57,250,000
May	\$ 124,400,000	\$ 6,700,000	\$ 131,100,000	344.95	\$ 52,300,000	\$ 7,750,000	\$ 60,050,000
June	\$ 53,600,000	\$ 7,200,000	\$ 60,800,000	352.55	\$ 43,450,000	\$ 9,750,000	\$ 53,200,000
July (p)	\$ 173,550,000	\$ 4,000,000	\$ 177,550,000	469.60	\$ 54,500,000	\$ 6,000,000	\$ 60,500,000
7 Mos.	\$ 593,250,000	\$ 37,200,000	\$ 630,450,000		\$ 338,500,000	\$ 43,900,000	\$ 382,400,000

DATE	GROSS NEW ORDERS				CANCELLATIONS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1984							
Jan.	\$ 56,350,000	\$ 3,550,000	\$ 59,900,000		\$ 3,300,000	\$ 700,000	\$ 4,000,000
Feb.	\$ 66,450,000	\$ 4,500,000	\$ 70,950,000		\$ 450,000	\$ 650,000	\$ 1,100,000
Mar.	\$ 59,550,000	\$ 5,250,000	\$ 64,800,000		\$ 2,800,000	\$ 50,000	\$ 2,850,000
Apr.	\$ 68,000,000	\$ 7,850,000	\$ 75,850,000		\$ 2,100,000	\$ 450,000	\$ 2,550,000
May	\$ 132,450,000	\$ 6,750,000	\$ 139,200,000		\$ 8,050,000	\$ 50,000	\$ 8,100,000
June	\$ 55,150,000	\$ 7,250,000	\$ 62,400,000		\$ 1,550,000	\$ 50,000	\$ 1,600,000
July (p)	\$ 174,450,000	\$ 4,200,000	\$ 178,650,000		\$ 900,000	\$ 200,000	\$ 1,100,000
7 Mos.	\$ 612,400,000	\$ 39,350,000	\$ 651,750,000		\$ 19,150,000	\$ 2,150,000	\$ 21,300,000

P - Preliminary

N.M.T.B.A. F - 1d

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

A 8050-1

September 18, 1984

FOR RELEASE A.M. TUESDAY, SEPTEMBER 18, 1984

press release

Contact:
Charles Pollock

McLean, VA, September 24, 1984 -- Net new orders for American made machine tools dropped 36% in August to a level of \$201,050,000, according to data released today by the industry's trade group, the National Machine Tool Builders' Association. Shipments were reported down 15% from the previous month at \$165,750,000. However, orders for the year to date, at \$1,879,300,000, were ahead of last year's totals by 83%.

"Our industry is gradually moving forward after two years of devastating losses," said Association president James A. Gray. "But with the total dollar value of imports now at 42% of domestic consumption, and with 52% of the metal-cutting machines coming from overseas, it is unlikely that the American machine tool industry will ever fully recover."

Gray emphasized that a high proportion of these imports are subsidized by foreign governments and he reiterated his call for action

- over -



on the industry's "232" petition for import relief. The petition, filed with the Commerce Department in March of 1983 on grounds of national security, was sent to the President last February and still awaits his decision. "As I understand it, Gray said, "both the Secretaries of Commerce and Defense have urged the White House to act promptly and favorably on our petition."

"The basis of our petition, that without relief the American machine tool industry could no longer fulfill its vital role in preserving our nation's security, has now become an accomplished fact after 18 months of White House inaction," said Gray.

In the month of August, orders for metal-cutting machine tools declined 0.3% at \$135,400,000, while shipments in the category were off 11% at \$118,650,000.

In the metal-forming category, August orders dropped 63% to a level of \$65,650,000. Metalforming machine tool shipments were off 22% at \$47,100,000.

The industry's order backlog increased by \$35 million in August to a total of \$1,542.70 million.

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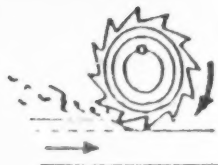
COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS (Thousands of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
Aug. 1984	118,550	16,850	135,400	62,050	3,600	65,650	180,600	20,450	201,050
July 1984	126,050	9,800	135,850	173,550	4,000	177,550	299,600	13,800	313,400
% Change									
Aug. 1984:July 1984	-6.0	+71.9	-0.3	-64.2	-10.0	-63.0	-39.7	+48.2	-35.8
Aug. 1983	82,650	8,350	91,000	42,000	4,250	46,250	124,650	12,600	137,250
% Change									
Aug. 1984:Aug. 1983	+43.4	+101.8	+48.8	+47.7	-15.3	+41.9	+44.9	+62.3	+46.5
Year To Date 1984	1,021,450	151,750	1,183,200	655,300	40,800	696,100	1,686,750	192,550	1,879,300
Year To Date 1983	663,450	49,700	713,150	280,100	33,050	313,150	943,550	82,750	1,026,300
% Change									
1984 : 1983	+55.5	+205.3	+65.9	+134.0	+23.4	+122.3	+78.8	+132.7	+83.1

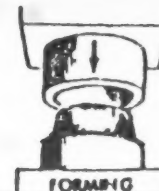
SHIPMENTS -- MACHINE TOOLS (Thousands of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
Aug. 1984	110,350	8,300	118,650	43,950	3,150	47,100	154,300	11,450	165,750
July 1984	127,500	5,750	133,250	54,500	6,000	60,500	182,000	11,750	193,750
% Change									
Aug. 1984:July 1984	-13.5	+44.3	-11.0	-19.4	-47.5	-22.1	-15.2	-2.6	-14.5
Aug. 1983	72,750	10,100	82,850	28,900	1,250	30,150	101,650	11,350	113,000
% Change									
Aug. 1984:Aug. 1983	+51.7	-17.8	+43.2	+52.1	+152.0	+56.2	+51.8	+0.9	+46.7
Year To Date 1984	884,400	67,400	951,800	382,450	47,050	429,500	1,266,850	114,450	1,381,300
Year To Date 1983	772,650	113,700	886,350	265,000	31,100	296,100	1,037,650	144,800	1,182,450
% Change									
1984 : 1983	+14.5	-40.7	+7.4	+44.3	+51.3	+45.1	+22.1	-21.0	+16.8



CUTTING

TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog



FORMING

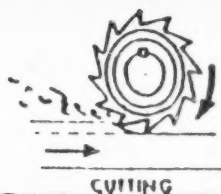
DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1984							
Jan.	\$ 175,550,000	\$ 13,550,000	\$ 189,100,000	1,120.85	\$ 100,900,000	\$ 12,050,000	\$ 112,950,000
Feb.	\$ 187,700,000	\$ 15,200,000	\$ 202,900,000	1,176.45	\$ 135,700,000	\$ 11,600,000	\$ 147,300,000
Mar.	\$ 188,650,000	\$ 19,800,000	\$ 208,450,000	1,195.65	\$ 172,350,000	\$ 16,900,000	\$ 189,250,000
Apr.	\$ 201,600,000	\$ 51,500,000	\$ 253,100,000	1,290.00	\$ 145,000,000	\$ 13,750,000	\$ 158,750,000
May	\$ 291,900,000	\$ 27,650,000	\$ 319,550,000	1,399.50	\$ 194,400,000	\$ 15,650,000	\$ 210,050,000
June	\$ 161,150,000	\$ 30,600,000	\$ 191,750,000	1,387.75	\$ 182,200,000	\$ 21,300,000	\$ 203,500,000
July	\$ 299,600,000	\$ 13,800,000	\$ 313,400,000	1,507.40	\$ 182,000,000	\$ 11,750,000	\$ 193,750,000
Aug. (p)	\$ 180,600,000	\$ 20,450,000	\$ 201,050,000	1,542.70	\$ 154,300,000	\$ 11,450,000	\$ 165,750,000
8 Mos.	\$1,686,750,000	\$ 192,550,000	\$1,879,300,000		\$1,266,850,000	\$ 114,450,000	\$1,381,300,000

DATE	GROSS NEW ORDERS			CANCELLATIONS		
	Domestic	Foreign	Total	Domestic	Foreign	Total
1984						
Jan.	\$ 183,900,000	\$ 14,300,000	\$ 198,200,000	\$ 8,350,000	\$ 750,000	\$ 9,100,000
Feb.	\$ 197,050,000	\$ 16,900,000	\$ 213,950,000	\$ 9,350,000	\$ 1,700,000	\$ 11,050,000
Mar.	\$ 196,700,000	\$ 21,200,000	\$ 217,900,000	\$ 8,050,000	\$ 1,400,000	\$ 9,450,000
Apr.	\$ 209,800,000	\$ 52,050,000	\$ 261,850,000	\$ 8,200,000	\$ 550,000	\$ 8,750,000
May	\$ 303,700,000	\$ 27,850,000	\$ 331,550,000	\$ 11,800,000	\$ 200,000	\$ 12,000,000
June	\$ 178,200,000	\$ 32,450,000	\$ 210,650,000	\$ 17,050,000	\$ 1,850,000	\$ 18,900,000
July	\$ 301,800,000	\$ 14,200,000	\$ 316,000,000	\$ 2,200,000	\$ 400,000	\$ 2,600,000
Aug. (p)	\$ 190,100,000	\$ 20,750,000	\$ 210,850,000	\$ 9,500,000	\$ 300,000	\$ 9,800,000
8 Mos.	\$1,761,250,000	\$ 199,700,000	\$1,960,950,000	\$ 74,500,000	\$ 7,150,000	\$ 81,650,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1984							
Jan.	\$ 122,500,000	\$ 10,700,000	\$ 133,200,000	883.80	\$ 65,350,000	\$ 7,200,000	\$ 72,550,000
Feb.	\$ 121,700,000	\$ 11,350,000	\$ 133,050,000	913.80	\$ 95,300,000	\$ 7,750,000	\$ 103,050,000
Mar.	\$ 131,900,000	\$ 14,600,000	\$ 146,500,000	937.80	\$ 112,350,000	\$ 10,150,000	\$ 122,500,000
Apr.	\$ 135,700,000	\$ 44,100,000	\$ 179,800,000	1,016.10	\$ 92,700,000	\$ 8,800,000	\$ 101,500,000
May	\$ 167,500,000	\$ 20,950,000	\$ 188,450,000	1,054.55	\$ 142,100,000	\$ 7,900,000	\$ 150,000,000
June	\$ 107,550,000	\$ 23,400,000	\$ 130,950,000	1,035.20	\$ 138,750,000	\$ 11,550,000	\$ 150,300,000
July	\$ 126,050,000	\$ 9,800,000	\$ 135,850,000	1,037.80	\$ 127,500,000	\$ 5,750,000	\$ 133,250,000
Aug. (p)	\$ 118,550,000	\$ 16,850,000	\$ 135,400,000	1,054.55	\$ 110,350,000	\$ 8,300,000	\$ 118,650,000
8 Mos.	\$1,031,450,000	\$ 151,750,000	\$1,183,200,000		\$ 884,400,000	\$ 67,400,000	\$ 951,800,000

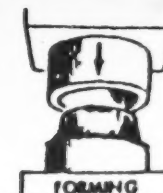
DATE	GROSS NEW ORDERS				CANCELLATIONS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1984							
Jan.	\$ 127,550,000	\$ 10,750,000	\$ 138,300,000		\$ 5,050,000	\$ 50,000	\$ 5,100,000
Feb.	\$ 130,600,000	\$ 12,400,000	\$ 143,000,000		\$ 8,900,000	\$ 1,050,000	\$ 9,950,000
Mar.	\$ 137,150,000	\$ 15,950,000	\$ 153,100,000		\$ 5,250,000	\$ 1,350,000	\$ 6,600,000
Apr.	\$ 141,800,000	\$ 44,200,000	\$ 186,000,000		\$ 6,100,000	\$ 100,000	\$ 6,200,000
May	\$ 171,250,000	\$ 21,100,000	\$ 192,350,000		\$ 3,750,000	\$ 150,000	\$ 3,900,000
June	\$ 123,050,000	\$ 25,200,000	\$ 148,250,000		\$ 15,500,000	\$ 1,800,000	\$ 17,300,000
July	\$ 127,350,000	\$ 10,000,000	\$ 137,350,000		\$ 1,300,000	\$ 200,000	\$ 1,500,000
Aug. (p)	\$ 124,700,000	\$ 17,100,000	\$ 141,800,000		\$ 6,150,000	\$ 250,000	\$ 6,400,000
8 Mos.	\$1,083,450,000	\$ 156,700,000	\$1,240,150,000		\$ 52,000,000	\$ 4,950,000	\$ 56,950,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog



DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1984							
Jan.	\$ 53,050,000	\$ 2,850,000	\$ 55,900,000	237.05	\$ 35,550,000	\$ 4,850,000	\$ 40,400,000
Feb.	\$ 66,000,000	\$ 3,850,000	\$ 69,850,000	262.65	\$ 40,400,000	\$ 3,850,000	\$ 44,250,000
Mar.	\$ 56,750,000	\$ 5,200,000	\$ 61,950,000	257.85	\$ 60,000,000	\$ 6,750,000	\$ 66,750,000
Apr.	\$ 65,900,000	\$ 7,400,000	\$ 73,300,000	273.90	\$ 52,300,000	\$ 4,950,000	\$ 57,250,000
May	\$ 124,400,000	\$ 6,700,000	\$ 131,100,000	344.95	\$ 52,300,000	\$ 7,750,000	\$ 60,050,000
June	\$ 53,600,000	\$ 7,200,000	\$ 60,800,000	352.55	\$ 43,450,000	\$ 9,750,000	\$ 53,200,000
July	\$ 173,550,000	\$ 4,000,000	\$ 177,550,000	469.60	\$ 54,500,000	\$ 6,000,000	\$ 60,500,000
Aug. (p)	\$ 62,050,000	\$ 3,600,000	\$ 65,650,000	488.15	\$ 43,950,000	\$ 3,150,000	\$ 47,100,000
8 Mos.	\$ 655,300,000	\$ 40,800,000	\$ 696,100,000		\$ 382,450,000	\$ 47,050,000	\$ 429,500,000

DATE	GROSS NEW ORDERS			CANCELLATIONS		
	Domestic	Foreign	Total	Domestic	Foreign	Total
1984						
Jan.	\$ 56,350,000	\$ 3,550,000	\$ 59,900,000	\$ 3,300,000	\$ 700,000	\$ 4,000,000
Feb.	\$ 66,450,000	\$ 4,500,000	\$ 70,950,000	\$ 450,000	\$ 650,000	\$ 1,100,000
Mar.	\$ 59,550,000	\$ 5,250,000	\$ 64,800,000	\$ 2,800,000	\$ 50,000	\$ 2,850,000
Apr.	\$ 68,000,000	\$ 7,850,000	\$ 75,850,000	\$ 2,100,000	\$ 450,000	\$ 2,550,000
May	\$ 132,450,000	\$ 6,750,000	\$ 139,200,000	\$ 8,050,000	\$ 50,000	\$ 8,100,000
June	\$ 55,150,000	\$ 7,250,000	\$ 62,400,000	\$ 1,550,000	\$ 50,000	\$ 1,600,000
July	\$ 174,450,000	\$ 4,200,000	\$ 178,650,000	\$ 900,000	\$ 200,000	\$ 1,100,000
Aug. (p)	\$ 65,400,000	\$ 3,650,000	\$ 69,050,000	\$ 3,350,000	\$ 50,000	\$ 3,400,000
8 Mos.	\$ 677,800,000	\$ 43,000,000	\$ 720,800,000	\$ 22,500,000	\$ 2,200,000	\$ 24,700,000

P - Preliminary

N.M.T.B.A. P - 1d

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

October 22, 1984

press release

Contact:

Charles Pollock

FOR RELEASE A.M. MONDAY, OCTOBER 29, 1984

McLean, VA, October 29, 1984 -- U.S. machine tool orders rose 83% in the first three quarters of 1984, to \$2,165,100,000, compared to the same period a year ago, according to data released today by the National Machine Tool Builders' Association. Shipments for metal-cutting and metal-forming machine tools, at \$1,590,650,000, were up 21% from last year's levels. These impressive percentage gains must be viewed in light of the fact that 1983 was the worst year for the industry in modern history.

For the month of September, orders were up 43% at \$286,250,000, while shipments rose 28% from the previous month at \$210,750,000. Order backlogs also increased during the month to a level of \$1,619,150,000.

"Although we continue to gain some ground after two devastating years," said Association president James A. Gray, "without import relief, the American Machine Tool Industry will never regain the strength needed to protect America's industrial base."



**national
machine
tool builders'
association**

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"Although U.S. manufacturers are clearly recognized as the leaders in machine tool technology, imported machine tools, subsidized by foreign governments, continue to overwhelm our small but defense-essential industry," Gray said. "With imports now at 42% of domestic consumption and still on the rise, you would think this Administration would recognize the severity of our situation and take action on our behalf. But a year and a half after we petitioned for a temporary reduction in imports, the White House refuses to act."

Gray was referring to the industry's national security petition, sent to the President last February following a recommendation from Commerce Secretary Baldrige to impose temporary limits on machine tool imports, to enable the domestic industry to boost its production capacity to acceptable levels.

To insure their long-term survival and the maintenance of their technological lead, many U.S. machine tool companies are moving parts of their manufacturing operations off shore. They are also importing complete machine tools, made to their company's specifications by overseas suppliers.

For the month of September, metal-cutting machine tool orders rose 65% to a level of \$222,200,000. Shipments in the category gained 30%, at \$151,350,000. For the first nine months of 1984, metal-cutting orders increased by 72% at \$1,405,000,000, while shipments were up 12% at \$1,101,450,000.

Net new orders in the metal-forming category declined 2% in September to a level of \$64,050,000, while shipments rose 25% to a \$59,400,000 total. For the first nine months of 1984, metal forming orders increased by 107% at \$760,100,000, while shipments gained 47% at 489,200,000.

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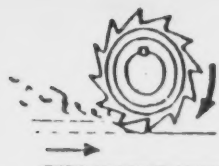
COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS (Thousands of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
Sept. 1984	194,900	27,300	222,200	60,250	3,800	64,050	255,150	31,100	286,250
Aug. 1984	118,250	16,750	135,000	62,000	3,600	65,600	180,250	20,350	200,600
% Change									
Sept.1984:Aug. 1984	+64.8	+63.0	+64.6	-2.8	+5.6	-2.4	+41.6	+52.8	+42.7
Sept. 1983	98,600	3,850	102,450	49,550	3,800	53,350	148,150	7,650	155,800
% Change									
Sept.1984:Sept.1983	+97.7	+609.1	+116.9	+21.6	0.0	+20.1	+72.2	+306.5	+83.7
Year To Date 1984	1,226,050	178,950	1,405,000	715,500	44,600	760,100	1,941,550	223,550	2,165,100
Year To Date 1983	762,050	53,550	815,600	329,650	36,850	366,500	1,091,700	90,400	1,182,100
% Change									
1984 : 1983	+60.9	+234.2	+72.3	+117.0	+21.0	+107.4	+77.8	+147.3	+83.2

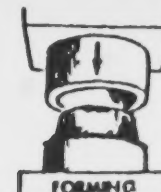
SHIPMENTS -- MACHINE TOOLS (Thousands of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
Sept. 1984	138,700	12,650	151,350	51,150	8,250	59,400	189,850	20,900	210,750
Aug. 1984	111,050	5,900	116,950	44,100	3,300	47,400	155,150	9,200	164,350
% Change									
Sept.1984:Aug. 1984	+24.9	+114.4	+29.4	+16.0	+150.0	+25.3	+22.4	+127.2	+28.2
Sept. 1983	85,500	8,600	94,100	33,150	4,450	37,600	118,650	13,050	131,700
% Change									
Sept.1984:Sept.1983	+62.2	+47.1	+60.8	+54.3	+85.4	+58.0	+60.0	+60.2	+60.0
Year To Date 1984	1,023,800	77,650	1,101,450	433,750	55,450	489,200	1,457,550	133,100	1,590,650
Year To Date 1983	858,150	122,300	980,450	298,150	35,550	333,700	1,156,300	157,850	1,314,150
% Change									
1984 : 1983	+19.3	-36.5	+12.3	+45.5	+56.0	+46.6	+26.1	-15.7	+21.0



CUTTING

TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog



FORMING

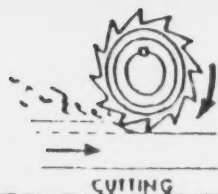
DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1984							
Jan.	\$ 175,550,000	\$ 13,550,000	\$ 189,100,000	1,120.85	\$ 100,900,000	\$ 12,050,000	\$ 112,950,000
Feb.	\$ 187,700,000	\$ 15,200,000	\$ 202,900,000	1,176.45	\$ 135,700,000	\$ 11,600,000	\$ 147,300,000
Mar.	\$ 188,650,000	\$ 19,800,000	\$ 208,450,000	1,195.65	\$ 172,350,000	\$ 16,900,000	\$ 189,250,000
Apr.	\$ 201,600,000	\$ 51,500,000	\$ 253,100,000	1,290.00	\$ 145,000,000	\$ 13,750,000	\$ 158,750,000
May	\$ 291,900,000	\$ 27,650,000	\$ 319,550,000	1,399.50	\$ 194,400,000	\$ 15,650,000	\$ 210,050,000
June	\$ 161,150,000	\$ 30,600,000	\$ 191,750,000	1,387.75	\$ 182,200,000	\$ 21,300,000	\$ 203,500,000
July	\$ 299,600,000	\$ 13,800,000	\$ 313,400,000	1,507.40	\$ 182,000,000	\$ 11,750,000	\$ 193,750,000
Aug.	\$ 180,250,000	\$ 20,350,000	\$ 200,600,000	1,543.65	\$ 155,150,000	\$ 9,200,000	\$ 164,350,000
Sept. (p)	\$ 255,150,000	\$ 31,100,000	\$ 286,250,000	1,619.15	\$ 189,850,000	\$ 20,900,000	\$ 210,750,000
9 Mos.	\$1,941,550,000	\$ 223,550,000	\$2,165,100,000		\$1,457,550,000	\$ 133,100,000	\$1,590,650,000

DATE	GROSS NEW ORDERS			CANCELLATIONS		
	Domestic	Foreign	Total	Domestic	Foreign	Total
1984						
Jan.	\$ 183,900,000	\$ 14,300,000	\$ 198,200,000	\$ 8,350,000	\$ 750,000	\$ 9,100,000
Feb.	\$ 197,050,000	\$ 16,900,000	\$ 213,950,000	\$ 9,350,000	\$ 1,700,000	\$ 11,050,000
Mar.	\$ 196,700,000	\$ 21,200,000	\$ 217,900,000	\$ 8,050,000	\$ 1,400,000	\$ 9,450,000
Apr.	\$ 209,800,000	\$ 52,050,000	\$ 261,850,000	\$ 8,200,000	\$ 550,000	\$ 8,750,000
May	\$ 303,700,000	\$ 27,850,000	\$ 331,550,000	\$ 11,800,000	\$ 200,000	\$ 12,000,000
June	\$ 178,200,000	\$ 32,450,000	\$ 210,650,000	\$ 17,050,000	\$ 1,850,000	\$ 18,900,000
July	\$ 301,800,000	\$ 14,200,000	\$ 316,000,000	\$ 2,200,000	\$ 400,000	\$ 2,600,000
Aug.	\$ 189,600,000	\$ 20,700,000	\$ 210,300,000	\$ 9,350,000	\$ 350,000	\$ 9,700,000
Sept. (p)	\$ 263,900,000	\$ 31,800,000	\$ 295,700,000	\$ 8,750,000	\$ 700,000	\$ 9,450,000
9 Mos.	\$2,024,650,000	\$ 231,450,000	\$2,256,100,000	\$ 83,100,000	\$ 7,900,000	\$ 91,000,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE METAL CUTTING TYPE MACHINE TOOLS New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1984							
Jan.	\$ 122,500,000	\$ 10,700,000	\$ 133,200,000	883.80	\$ 65,350,000	\$ 7,200,000	\$ 72,550,000
Feb.	\$ 121,700,000	\$ 11,350,000	\$ 133,050,000	913.80	\$ 95,300,000	\$ 7,750,000	\$ 103,050,000
Mar.	\$ 131,900,000	\$ 14,600,000	\$ 146,500,000	937.80	\$ 112,350,000	\$ 10,150,000	\$ 122,500,000
Apr.	\$ 135,700,000	\$ 44,100,000	\$ 179,800,000	1,016.10	\$ 92,700,000	\$ 8,800,000	\$ 101,500,000
May	\$ 167,500,000	\$ 20,950,000	\$ 188,450,000	1,054.55	\$ 142,100,000	\$ 7,900,000	\$ 150,000,000
June	\$ 107,550,000	\$ 23,400,000	\$ 130,950,000	1,035.20	\$ 138,750,000	\$ 11,550,000	\$ 150,300,000
July	\$ 126,050,000	\$ 9,800,000	\$ 135,850,000	1,037.80	\$ 127,500,000	\$ 5,750,000	\$ 133,250,000
Aug.	\$ 118,250,000	\$ 16,750,000	\$ 135,000,000	1,055.85	\$ 111,050,000	\$ 5,900,000	\$ 116,950,000
Sept. (p)	\$ 194,900,000	\$ 27,300,000	\$ 222,200,000	1,126.70	\$ 138,700,000	\$ 12,650,000	\$ 151,350,000
9 Mos.	\$1,226,050,000	\$ 178,950,000	\$1,405,000,000		\$1,023,800,000	\$ 77,650,000	\$1,101,450,000

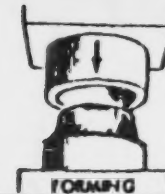
DATE	GROSS NEW ORDERS				CANCELLATIONS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1984							
Jan.	\$ 127,550,000	\$ 10,750,000	\$ 138,300,000		\$ 5,050,000	\$ 50,000	\$ 5,100,000
Feb.	\$ 130,600,000	\$ 12,400,000	\$ 143,000,000		\$ 8,900,000	\$ 1,050,000	\$ 9,950,000
Mar.	\$ 137,150,000	\$ 15,950,000	\$ 153,100,000		\$ 5,250,000	\$ 1,350,000	\$ 6,600,000
Apr.	\$ 141,800,000	\$ 44,200,000	\$ 186,000,000		\$ 6,100,000	\$ 100,000	\$ 6,200,000
May	\$ 171,250,000	\$ 21,100,000	\$ 192,350,000		\$ 3,750,000	\$ 150,000	\$ 3,900,000
June	\$ 123,050,000	\$ 25,200,000	\$ 148,250,000		\$ 15,500,000	\$ 1,800,000	\$ 17,300,000
July	\$ 127,350,000	\$ 10,000,000	\$ 137,350,000		\$ 1,300,000	\$ 200,000	\$ 1,500,000
Aug.	\$ 124,300,000	\$ 17,050,000	\$ 141,350,000		\$ 6,050,000	\$ 300,000	\$ 6,350,000
Sept. (p)	\$ 201,450,000	\$ 27,950,000	\$ 229,400,000		\$ 6,550,000	\$ 650,000	\$ 7,200,000
9 Mos.	\$1,284,500,000	\$ 184,600,000	\$1,469,100,000		\$ 58,450,000	\$ 5,650,000	\$ 64,100,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog



DATE	NET NEW ORDERS			Order Backlog (In Mil. \$)	SHIPMENTS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1984							
Jan.	\$ 53,050,000	\$ 2,850,000	\$ 55,900,000	237.05	\$ 35,550,000	\$ 4,850,000	\$ 40,400,000
Feb.	\$ 66,000,000	\$ 3,850,000	\$ 69,850,000	262.65	\$ 40,400,000	\$ 3,850,000	\$ 44,250,000
Mar.	\$ 56,750,000	\$ 5,200,000	\$ 61,950,000	257.85	\$ 60,000,000	\$ 6,750,000	\$ 66,750,000
Apr.	\$ 65,900,000	\$ 7,400,000	\$ 73,300,000	273.90	\$ 52,300,000	\$ 4,950,000	\$ 57,250,000
May	\$ 124,400,000	\$ 6,700,000	\$ 131,100,000	344.95	\$ 52,300,000	\$ 7,750,000	\$ 60,050,000
June	\$ 53,600,000	\$ 7,200,000	\$ 60,800,000	352.55	\$ 43,450,000	\$ 9,750,000	\$ 53,200,000
July	\$ 173,550,000	\$ 4,000,000	\$ 177,550,000	469.60	\$ 54,500,000	\$ 6,000,000	\$ 60,500,000
Aug.	\$ 62,000,000	\$ 3,600,000	\$ 65,600,000	487.80	\$ 44,100,000	\$ 3,300,000	\$ 47,400,000
Sept. (p)	\$ 60,250,000	\$ 3,800,000	\$ 64,050,000	492.45	\$ 51,150,000	\$ 8,250,000	\$ 59,400,000
9 Mos.	\$ 715,500,000	\$ 44,600,000	\$ 760,100,000		\$ 433,750,000	\$ 55,450,000	\$ 489,200,000

DATE	GROSS NEW ORDERS				CANCELLATIONS		
	Domestic	Foreign	Total		Domestic	Foreign	Total
1984							
Jan.	\$ 56,350,000	\$ 3,550,000	\$ 59,900,000		\$ 3,300,000	\$ 700,000	\$ 4,000,000
Feb.	\$ 66,450,000	\$ 4,500,000	\$ 70,950,000		\$ 450,000	\$ 650,000	\$ 1,100,000
Mar.	\$ 59,550,000	\$ 5,250,000	\$ 64,800,000		\$ 2,800,000	\$ 50,000	\$ 2,850,000
Apr.	\$ 68,000,000	\$ 7,850,000	\$ 75,850,000		\$ 2,100,000	\$ 450,000	\$ 2,550,000
May	\$ 132,450,000	\$ 6,750,000	\$ 139,200,000		\$ 8,050,000	\$ 50,000	\$ 8,100,000
June	\$ 55,150,000	\$ 7,250,000	\$ 62,400,000		\$ 1,550,000	\$ 50,000	\$ 1,600,000
July	\$ 174,450,000	\$ 4,200,000	\$ 178,650,000		\$ 900,000	\$ 200,000	\$ 1,100,000
Aug.	\$ 65,300,000	\$ 3,650,000	\$ 68,950,000		\$ 3,300,000	\$ 50,000	\$ 3,350,000
Sept. (p)	\$ 62,450,000	\$ 3,850,000	\$ 66,300,000		\$ 2,200,000	\$ 50,000	\$ 2,250,000
9 Mos.	\$ 740,150,000	\$ 46,850,000	\$ 787,000,000		\$ 24,650,000	\$ 2,250,000	\$ 26,900,000

P - Preliminary

N.M.T.B.A. F - 1d

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.